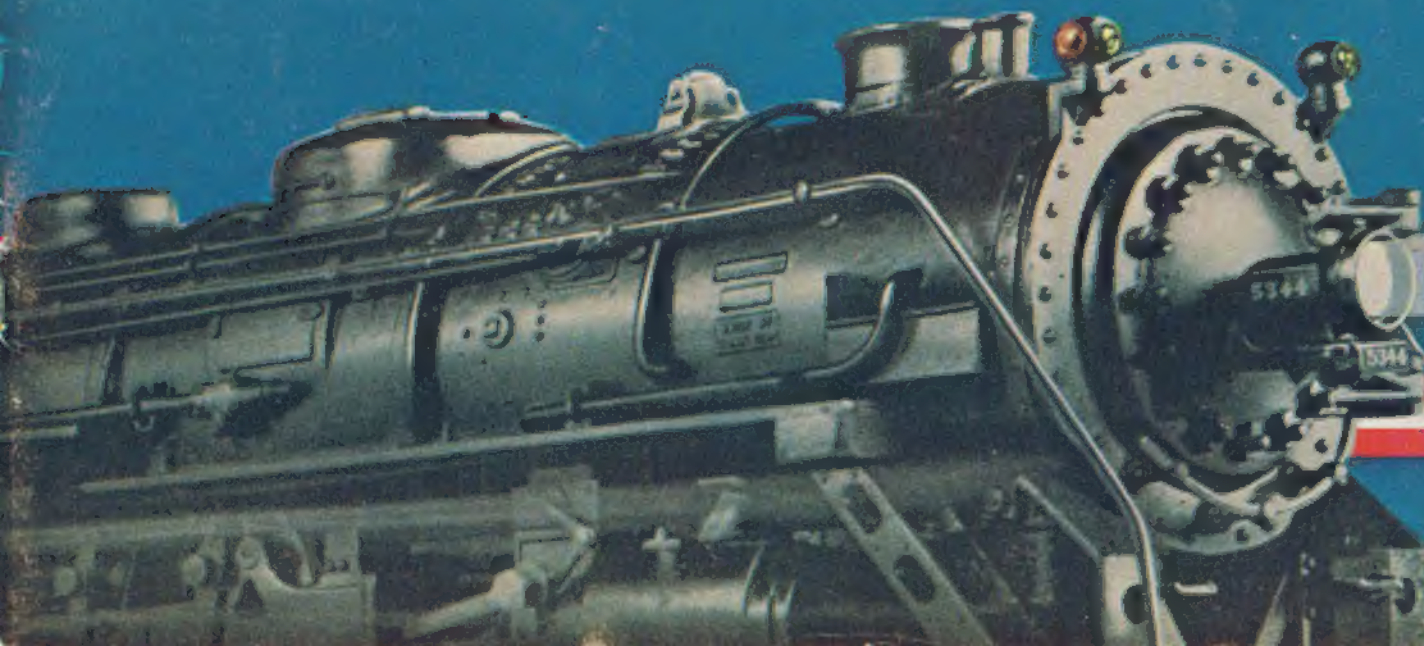




LIONEL

1941

ELECTRIC TRAINS FOR THE YOUTH OF AMERICA





GREATEST

1975 Reproduction
Greenberg Publishing Co.
9525 Alderson Lane
Columbia, Maryland 21041
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LIONEL RAILROADING FOR ALL BOYS OF ALL AGES

★ All the excitement, action and high adventure of real railroading! The swift speed of the Express as it flashes by! The ponderous, methodical movement of the loaded freighter! Crossing gates being lowered! Warning bells ringing! Signal lights flashing! Real railroading—that is what Lionel brings you in 1941—all the equipment required for creating a railroad system that is complete from start to finish. Think what that means—you, at your remote controls, the absolute master of a whole world in miniature. You make your engines whistle real railroad signals. You raise and lower bridges. Couple and uncouple cars. Pick up and deliver freight. Switch trains from track to track. Start, stop and reverse them. Duplicate everything in the realm of real railroading—and do it all by electric, remote control.

Talk to Dad today. Tell him, before Christmas, that this is the hobby you want. Railroading! Lionel scale-model railroading! Take him into partnership with you. Make him the senior member of your model railroad company. Plan together. Work together. Start at once to enjoy together this greatest hobby on earth.

SCALE MODEL HEADQUARTERS

THE LIONEL CORPORATION • 15 East 26th Street, New York, N.Y.

This catalog is effective August 1, 1941. All prices, structural or mechanical designs and colors are subject to change without notice. Due to the exigencies of national defense and the scarcity of certain materials, Lionel reserves the right to substitute one car for another in any train set, the substitute car always being of equal or greater list value than the one that it replaces. The entire contents of this book are copyrighted 1941 by The Lionel Corporation, 15 East 26th Street, New York, N. Y. Reproduction without permission is prohibited. Printed in the U. S. of America.

HOBBIY ON EARTH!



Only with Lionel can you enjoy model railroading to the fullest because only Lionel makes models that look like real trains and duplicate everything that real trains do.

ACTION!

THESE NEW LIONEL FEATURES
WILL GIVE YOUR MODEL
SYSTEM REAL RAILROAD-
ING ACTIVITY THAT IS
UNMATCHED BY ANY OTHER
TRAINS IN THE WORLD!



BUILT-IN ELECTRO-MAGNETIC COUPLERS
UNCUPLE AT THE TOUCH OF A BUTTON!



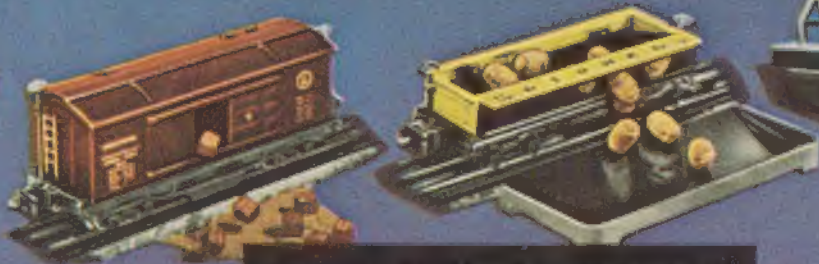
NEW MAGNET CRANE
LIFTS AND REVOLVES
BY REMOTE CONTROL



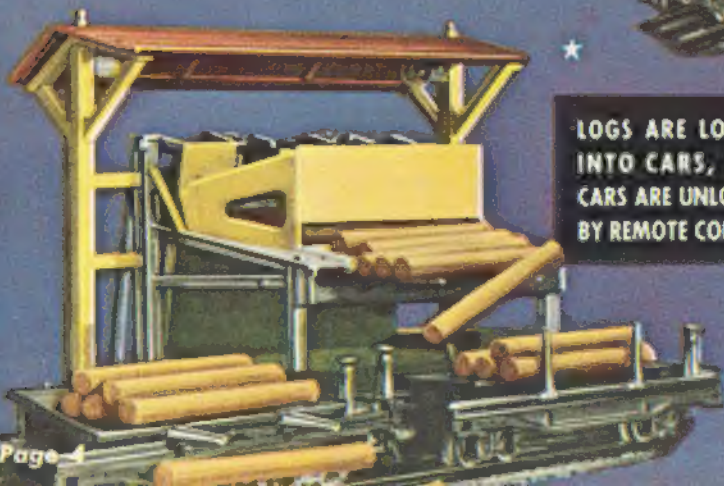
BUILT-IN, ELECTRIC, RAILROAD WHISTLE
SOUNDS ANY SIGNAL OF OFFICIAL CODE



COAL BUNKER
LOADS COAL;
CARS UNLOAD
THEMSELVES!



BOX CAR AND GONDOLA AUTOMATICALLY
UNLOAD PACKING CASES AND BARRELS



LOGS ARE LOADED
INTO CARS, THEN
CARS ARE UNLOADED
BY REMOTE CONTROL

...AT THE TOUCH
of a Button!



REALISM!

LIONEL TRAINS ARE SCALE-DETAILED REPRODUCTIONS, MADE FROM REAL RAILROAD BLUEPRINTS. TO BE SURE OF REALISM, BE SURE THAT YOU GET A GENUINE LIONEL!

Locomotive wheels of many models are of the latest Baldwin disc type.

Close-up of the Baker valve gear in one Lionel scale model locomotive. Rods are accurately die-cast and then are chromium plated to give the appearance of polished steel.

Rods, eccentric crank and Baldwin wheels in a Lionel scale-detail model.

Sharp, clearly defined details on the truck of a Lionel scale model tender.

Three-color, injected plastic marker lanterns on new, scale model cabooses.

Hinged boiler front, plastic-lens headlight and jewelled pilot lights.

Inferior illumination in the new, accurate Lionel scale passenger car.

Back-up headlight and pilots on switching engine tenders.

Die-cast, chromium plated side and connecting rods and visible members of the Stevenson valve gear in a switching locomotive.

Cabooses contain such minute details as piling socket, at low left above.

ONLY LIONEL

Conforms to



Standards

Lionel is the only toy manufacturer building railroad locomotives and cars so accurate and true to scale that they meet the rigid requirements of the National Model Railroad Association. Lionel is also a member of the Association of Model Railroad Manufacturers, the Craftsmen's guild.

BLUEPRINT ACCURACY! SCALE-MODEL REALISM! ABUNDANT ACCURATE DETAIL!

Exact reproduction in miniature of giant locomotives, switching engines, freight cars and equipment of all kinds—with full, accurate scale model proportions and complete details, right down to the last nut and bolt.

That's what you get in a Lionel, and only in

a Lionel. Builders of real railroad equipment work hand in hand with Lionel engineers to make Lionel Trains the finest that roll on model rails. Lionel Trains are not toy-type interpretations but the real thing—built from real railroad blueprints without sacrifice of detail,

compromise in proportions, or any excuses to make.

Look over the evidence. Examine any Lionel model displayed by your dealer and you will realize why it is such a joy to own. Then tell Dad to be sure to get a genuine Lionel.

DEPENDABILITY!

THE SAME SKILL USED BY LIONEL TO MAKE PRECISION INSTRUMENTS FOR THE U. S. NAVY HAS ALWAYS BEEN EMPLOYED IN THE CONSTRUCTION OF LIONEL TRAINS.



ENLISTED FOR NATIONAL DEFENSE

To direct the course of great battleships, heavy cruisers, airplane carriers, submarines and other elements of the fleet, ships officers rely upon the elements of sensitive compensating binnacles. These readings of sensitive instruments requiring extreme accuracy and precision are manufactured for the United States Navy by The Lionel Corporation. Today, the great Lionel factories in New Jersey hum with the national defense activity, coupled with fulfilling the greatest demands ever made for Lionel Electric Trains.

RAILROADS expect a locomotive to last 20 years. There are hundreds of Lionel engines on the job today after 25, 30, even 35 years of active service.

A Lionel never grows old! That's because of its stamina and enormous reserve power. No matter how fast you run it—or how long—or how many sudden starts and quick stops you call for—you never overtax its power capacity.

When you—or Dad—are putting money into a scale model, reserve power and long life are the FIRST things you want. So look under the bonnet of a Lionel. Look at

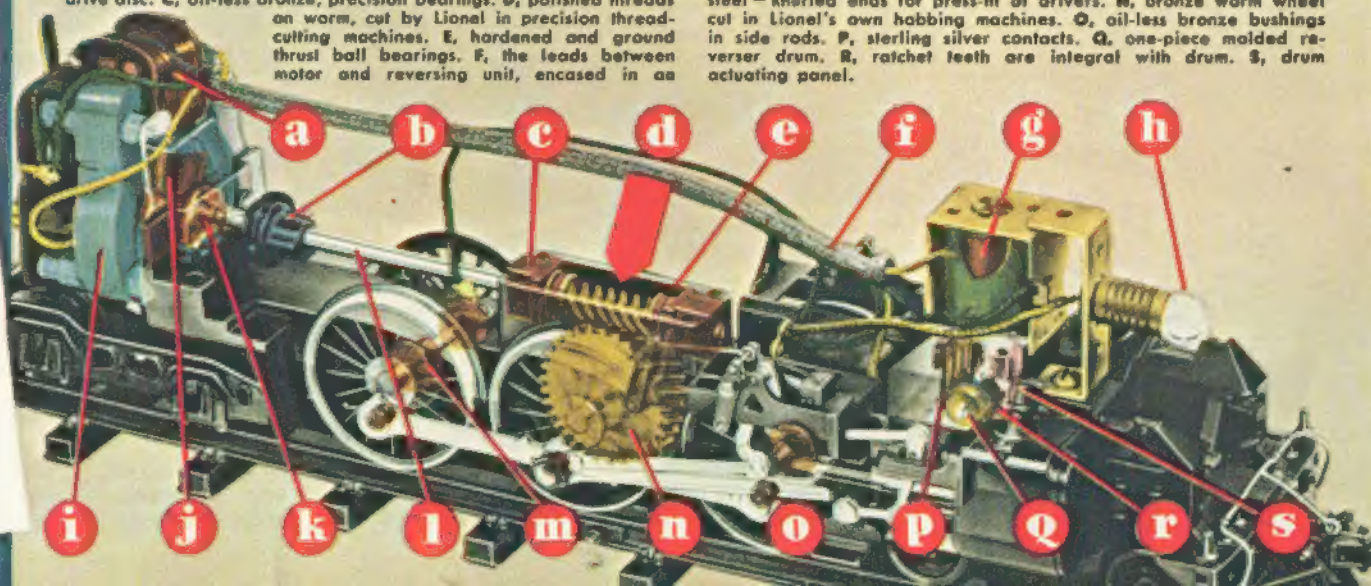
the pictures on these pages which show the internals of Lionel motors. See what makes them ready to go whenever you touch your hand to the "throttle".

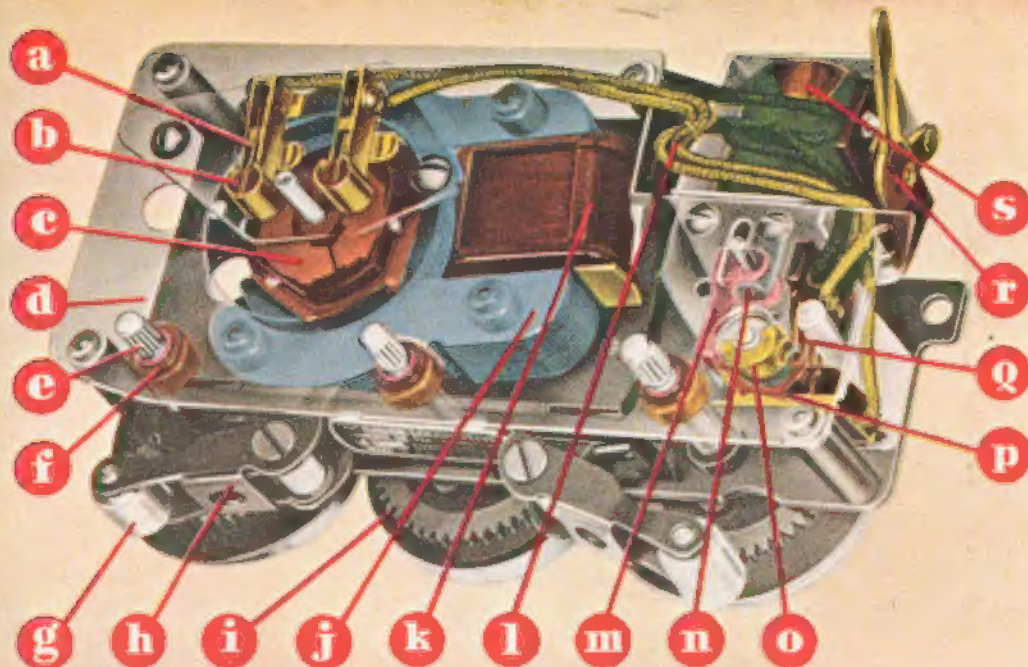
Below is the "heart" of a worm-driven Lionel locomotive exposed to view and on the opposite page is the spur-gear type. No trains on earth can match the performance and dependable service of these Lionel power-houses on wheels! Read carefully every point described. Then you'll understand why a Lionel—like its big brother on the rails—is always ready when the signal says "go".

FAULTLESS CONSTRUCTION OF LIONEL WORM-DRIVEN LOCOMOTIVES

A worm drive in a miniature locomotive can be highly efficient and dependable, if it is expertly designed and skillfully constructed. Shown below is the internal construction of a Lionel scale model, designed by engineers and built by skilled craftsmen. Arrows point to important details. A shows the machine-wound heavily enameled wire field. B, die-cast flexible coupling with molded, soft rubber drive disc. C, oil-less bronze, precision bearings. D, polished threads on worm, cut by Lionel in precision thread-cutting machines. E, hardened and ground thrust ball bearings. F, the leads between motor and reversing unit, encased in an

oil-proof, saturated sleeving. G, paper-section, reversing solenoid coil. H, concealed headlight lamp shines through plastic lens. I, silicon steel lamination stack. J, armature winding baked, varnished and re-baked. K, oil-less type armature bearing, surrounded by oil-retaining felt ring, provided with oil hole through ash pan. L, worm shaft, integral with worm. M, wheel axle is plated tool steel—knurled ends for press-fit of drivers. N, bronze worm wheel cut in Lionel's own hobbing machines. O, oil-less bronze bushings in side rods. P, sterling silver contacts. Q, one-piece molded reverser drum. R, ratchet teeth are integral with drum. S, drum actuating panel.





SPUR GEARING IN LIONEL LOCOMOTIVES IS MOST EFFICIENT KNOWN TO ENGINEERING

The Standard Motor in Lionel locomotives is the highly dependable spur-gear type, illustrated above, which reduces r.p.m. in a ratio of about 12 to 1 to develop tremendous, high-torque energy. Except for those equipped with highly efficient worm gear motors, all Lionel Trains are powered through spur gears. Spur gearing is the most efficient known to science and is used exclusively in the drive of huge turbines, ships, etc. Points of special interest in the Lionel motor are indicated by arrows and letters in the above illustration. Following are descriptions of these points:

A, rust-proof music wire—brush pressure spring. **B**, long life brush—copper graphite composition. **C**, precision commutator. **D**, heavy steel side plates for accurate alignment of shafts. **E**, nicked, knurled, tool-steel axles will not loosen in wheels. **F**, wide phosphor-bronze bushing.

G, nickel, chromium, collector roller. **H**, bronze collector shoe bracket, easily replaced. **I**, precision-cast drive gear integral with wheel. **J**, electrical-steel lam-

ination stack. **K**, machine-wound field winding. **L**, braided, oil-proof insulation prevents grounding. **M**, reversing-unit actuating panel. **N**, solenoid plunger. **O**, plastic, molded reversing drum. **P**, integrally molded ratchet teeth on drum.

Q, sterling silver contact fingers. **R**, reverse disconnecting switch lever. **S**, paper sectioned reversing solenoid coil. Hard steel intermediate gears, not shown in above, are cut on precision gear hobbors.

How to Select A LIONEL TRAIN

The trains in this catalog are divided into four groups: "O-27" Series, "O" Gauge, "O-72" Series and "OO" Gauge. "O-27" Trains are shown on Pages 8 to 13, "O" Gauge Trains on Pages 14 to 27, "O-72" Trains on Pages 28 to 35, and "OO" Gauge Trains on Pages 36 and 37. For the operation of Lionel Trains a transformer is required. Transformers appear on Pages 38 and 39.



"O-27" GAUGE. The letter O in "O-27" designates the gauge of track on which these trains operate. 27 indicates the diameter of a circle of curved track which measures 27 inches to outer extremities. "O-27" train outfits will be found on Pages 8 to 13. The scale model realism in the locomotives of this series is unmatched in any other make of train at comparable prices. Lionel "O-27" switches, crossovers and other track accessories are listed on Page 46. Track layouts on Pages 48 and 49. Additional cars on Pages 40 and 41. Stations, houses, signals and other equipment suitable for regular "O" gauge trains are also appropriate for use with "O-27" outfits, unless otherwise noted under their individual descriptions.



"O" GAUGE. "O" gauge track measures $1\frac{1}{4}$ inches between running rails. The gauge of real railroad track in America is $56\frac{1}{2}$ inches. "O" gauge is therefore approximately one forty-eighth actual size—a quarter-inch in the model being equal to a foot in the original. If a train has 2650 or 2700 series cars, additional cars should be selected from Pages 40 and 41. If the train is composed of 2900 series cars, additional rolling stock should be selected from Pages 42 and 43. If 2900 series, refer to Pages 41, 44 and 45. "O" gauge track, switches and crossovers will be found on Page 46. Track layouts are on Pages 48 and 49. "O" gauge train outfits are illustrated on Pages 14 to 27. The locomotives in this series are accurate, authentic copies of real railroad equipment made from real railroad blueprints.



"O-72" GAUGE. Trains in this series, Pages 28 to 35, are true, "O"-gauge, quarter-inch scale models. Locomotives and streamliners are highly detailed and equipped with powerful motors. There are two types of "O-72" track, tubular rail track and solid steel T-rail track. Solid rail track is joined section to section by real bolts and fish plates. Track, switches and crossovers are shown on Page 47. Track layouts, Page 49. Any "O" gauge car may be used on "O-72" track. When making a selection of cars to be added to any train outfit, refer to the lists printed on each car page. These lists designate the tenders with which each series of cars can be used. All accessories suitable for "O" gauge trains may, of course, be used with "O-72" trains.



"OO" GAUGE. Models in this series are built to a scale of $5/32$ -inch to the foot, about $1/76$ as large as the real railroad equipment from which they are copied. Track measures $3/4$ -inch between running rails. "OO" gauge is only slightly more than half as large as "O" gauge but in the same given floor area, a railroad three times the size can be erected. "OO" gauge therefore is especially desirable for men and boys who have small quarters in which to work and for those who plan to build extensive systems. There are two types of "OO" gauge track: 2-rail, solid steel, T-rail track having curved sections which form a circle 48 inches in diameter, and 3-rail, tubular track with curved sections forming a circle 27 inches in diameter. "OO" gauge trains, locomotives, cars and kits will be found on Pages 36 and 37. "OO" gauge track, switches and crossovers will be found on Page 47.

LIONEL
★ **O-27** ★
GAUGE

\$8.50

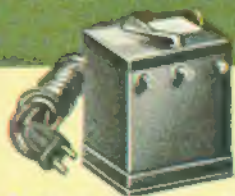
WITH WHISTLE, \$12.25

\$8.75

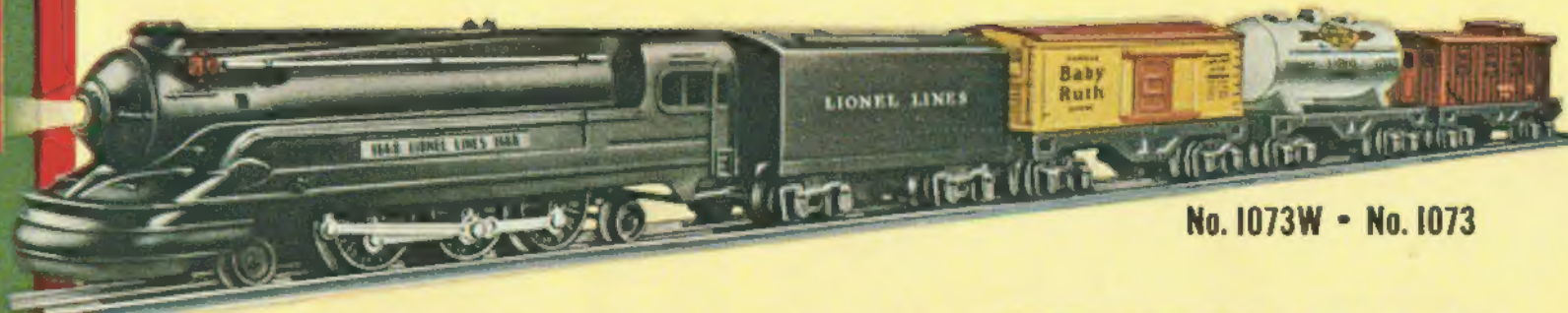
WITH WHISTLE, \$12.50

\$9.95

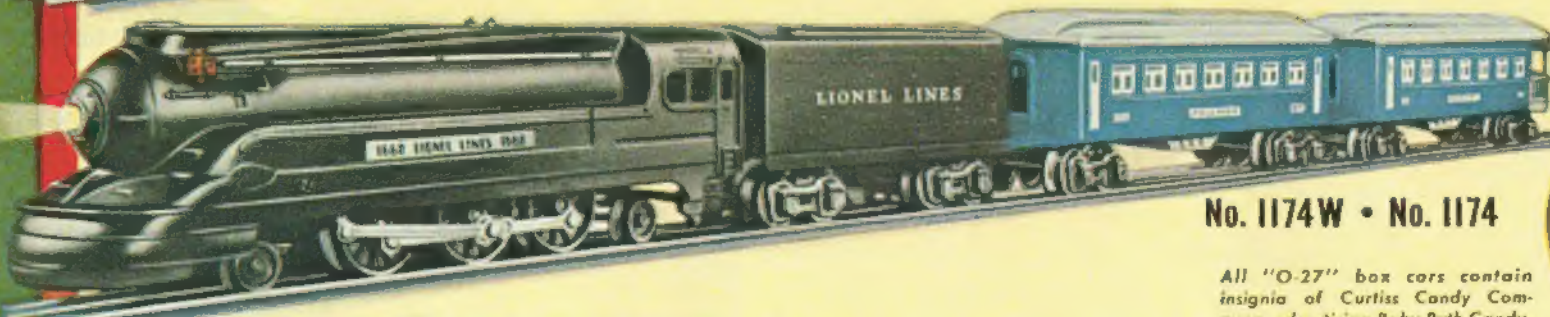
WITH WHISTLE, \$13.75



All "O-27" outfits include a Lionel-built transformer — for 110 to 115-volt, 60-cycle alternating current. Trains with whistles are furnished with No. 1041 60-watt transformer with built-in circuit-breaker, whistle and speed controls. (No. 1041, \$4.75.) Trains not having whistles are furnished with No. 1037 40-watt transformer. (No. 1037, \$2.25.)

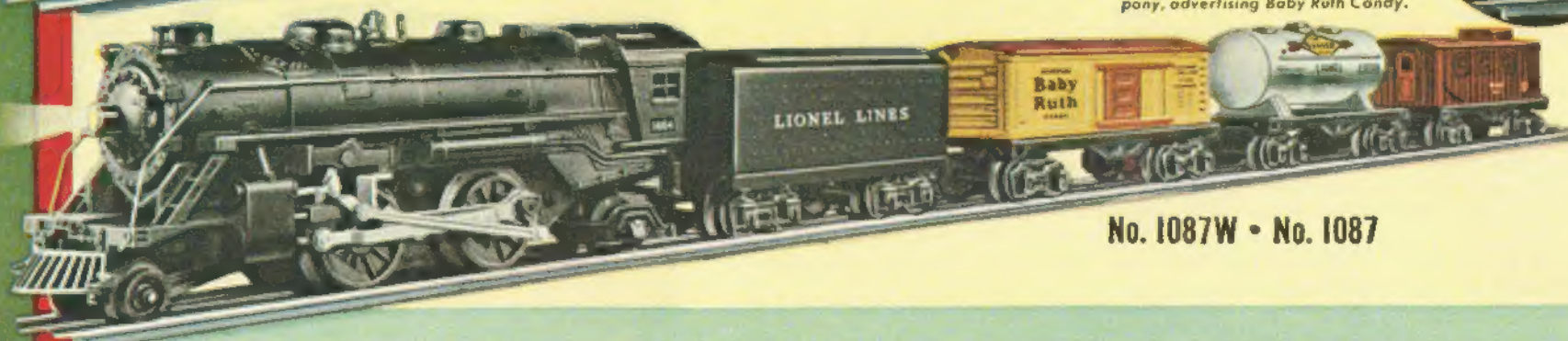


No. 1073W • No. 1073



No. 1174W • No. 1174

All "O-27" box cars contain insignia of Curtiss Candy Company, advertising Baby Ruth Candy.



No. 1087W • No. 1087

Outfit No. 1073W consists of:

- 1-No. 1668 Six-drivewheel locomotive.
- 1-No. 1689W Tender with BUILT-IN WHISTLE.
- 1-No. 1679 Box car, 4-wheel trucks, 9¼ inches long.
- 1-No. 1680 Tank car, 4-wheel trucks, 9¼ inches long.
- 1-No. 1682 Caboose, 4-wheel trucks, 9¼ inches long.
- 8-Sections of No. 1013 Curved track.
- 2-Sections of No. 1018 Straight track. 1-UTC Lockon.
- 1-No. 1041 Transformer with BUILT-IN CIRCUIT-BREAKER and whistle control.

Track supplied forms an oval 27½ by 36½ inches. Train is 44 inches long.

Price \$12.25

Outfit No. 1073—Same as No. 1073W, but without built-in whistle and with No. 1037 Transformer instead of No. 1041 Transformer.

Price \$8.50

Outfit No. 1174W consists of:

- 1-No. 1668 Six-drivewheel streamlined Pennsylvania Railroad "Torpedo" locomotive.
- 1-No. 1689W Tender with BUILT-IN WHISTLE.
- 1-No. 1630 Pullman car, 12¼ inches long.
- 1-No. 1631 Observation car, 12¼ inches long.
- 8-Sections of No. 1013 Curved track.
- 2-Sections of No. 1018 Straight track. 1-UTC Lockon.
- 1-No. 1041 Transformer with BUILT-IN CIRCUIT-BREAKER and whistle control.

Track supplied forms an oval 27½ by 36½ inches. Train is 37½ inches long.

Price \$12.50

Outfit No. 1174—Same as No. 1174W, but without built-in whistle and with No. 1037 Transformer instead of No. 1041 Transformer.

Price \$8.75

Outfit No. 1087W consists of:

- 1-No. 1664 Four-drivewheel, steam type locomotive.
- 1-No. 1689W Tender with BUILT-IN WHISTLE.
- 1-No. 1679 Box car, 4-wheel trucks, 9¼ inches long.
- 1-No. 1680 Tank car, 4-wheel trucks, 9¼ inches long.
- 1-No. 1682 Caboose, 4-wheel trucks, 9¼ inches long.
- 8-Sections of No. 1013 Curved track.
- 2-Sections of No. 1018 Straight track. 1-UTC Lockon.
- 1-No. 1041 Transformer with BUILT-IN CIRCUIT-BREAKER and whistle control.

Track supplied forms an oval 27½ by 36½ inches. Train is 44½ inches long.

Price \$13.75

Outfit No. 1087—Same as No. 1087W, but without built-in whistle and with No. 1037 Transformer instead of No. 1041 Transformer.

Price \$9.95

LIONEL
★ O-27 ★
GAUGE

\$11.75 ➔

WITH WHISTLE, \$15.50

\$13.50 ➔

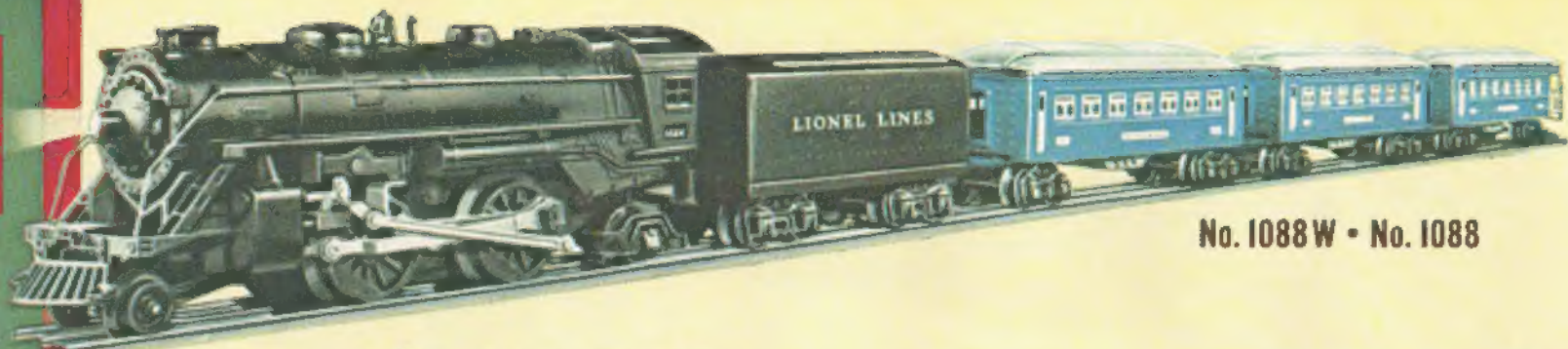
WITH WHISTLE, \$17.25

\$15.75 ➔

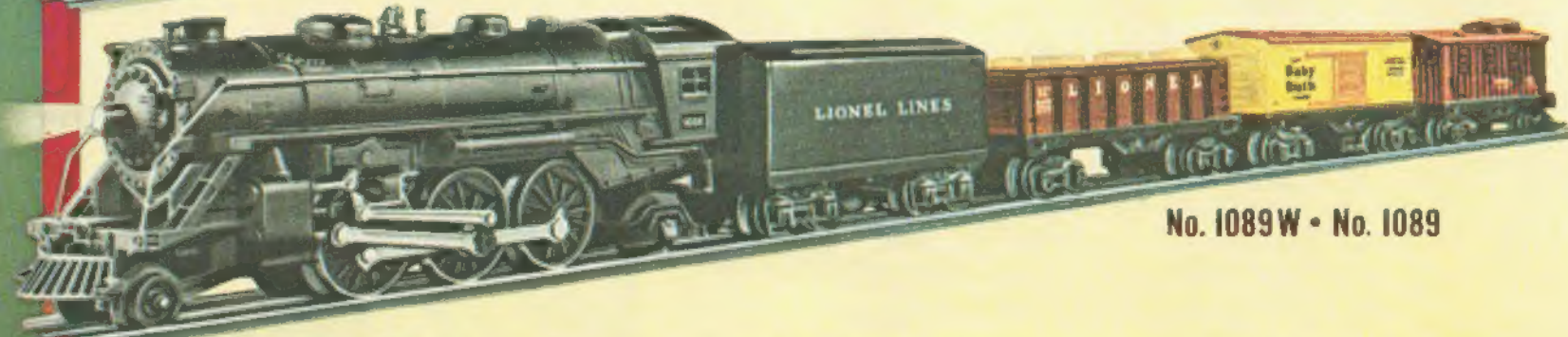
WITH WHISTLE, \$19.50



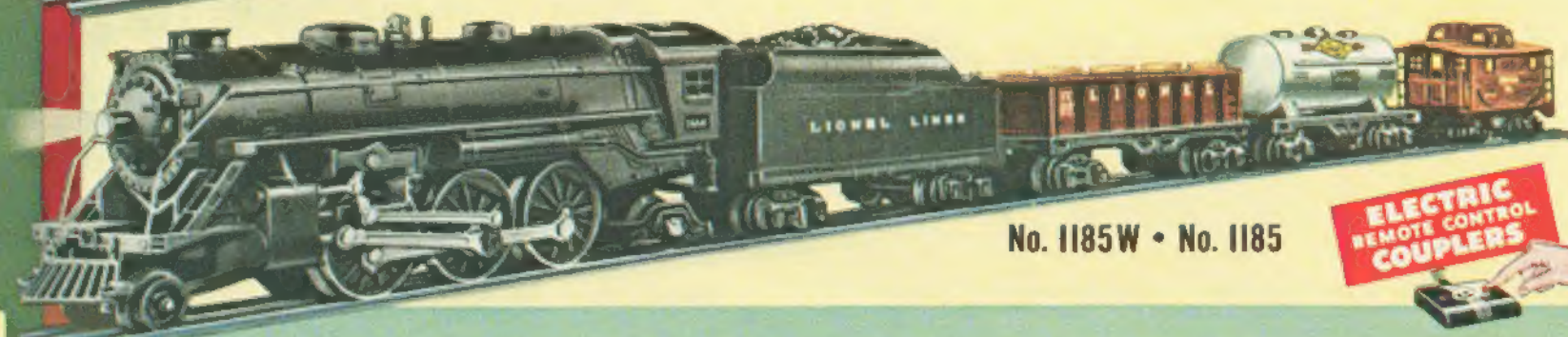
All "O-27" outfits include a Lionel-built transformer — for 110 to 115-volt, 60-cycle alternating current. Trains with whistles are furnished with No. 1041 60-watt transformer with built-in circuit-breaker, whistle and speed controls. (No. 1041, \$4.75.) Trains not having whistles are furnished with No. 1037 40-watt transformer. (No. 1037, \$2.25.)



No. 1088W • No. 1088



No. 1089W • No. 1089



No. 1185W • No. 1185

**ELECTRIC
 REMOTE CONTROL
 COUPLERS**



Outfit No. 1088W consists of:

1—No. 1664 Scale detailed steam type locomotive
 1—No. 1689W Tender with BUILT-IN WHISTLE.
 Locomotive and tender measure, overall, 16 inches.
 2—No. 1630 Pullman cars, 12¼ inches long.
 1—No. 1631 Observation car, 12¼ inches long.
 8—Sections of No. 1013 Curved track
 4—Sections of No. 1018 Straight track, 1—UTC Lockon.
 1—No. 1041 Transformer with CIRCUIT-BREAKER.
 Track supplied forms an oval 27½ by 45¼ inches. Train is 51½ inches long.

Price \$15.50

Outfit No. 1088—Same as No. 1088W, but without built-in whistle and with No. 1037 Transformer instead of No. 1041 Transformer.

Price \$11.75

Outfit No. 1089W consists of:

1—No. 1666 Six-drivewheel steam type locomotive.
 1—No. 2689W Tender with BUILT-IN WHISTLE.
 1—No. 2677 Gondola car, 9¼ inches long.
 1—No. 2679 Box car, 9¼ inches long.
 1—No. 2682 Caboose, 9¼ inches long.
 8—Sections of No. 1013 Curved track.
 3—Sections of No. 1018 Straight track.
 1—No. 1019 Remote control track, 1—UTC Lockon.
 1—No. 1041 Transformer with CIRCUIT-BREAKER.
 Equipped with ELECTRIC COUPLERS. Track forms oval 27½ by 45¼ inches. Train is 45¼ inches long.

Price \$17.25

Outfit No. 1089—Same as No. 1089W but without built-in whistle and with No. 1037 Transformer instead of No. 1041 Transformer

Price \$13.50

Outfit No. 1185W consists of:

1—No. 1666 Six-drivewheel steam type locomotive.
 1—No. 2666W Coal tender with BUILT-IN WHISTLE.
 1—No. 2677 Gondola car, 9¼ inches long.
 1—No. 2680 Tank car, 9¼ inches long.
 1—No. 2672 Scale detailed caboose, 7½ inches long.
 8—Sections of No. 1013 Curved track.
 3—Sections of No. 1018 Straight track.
 1—No. 1019 Remote control track, 1—UTC Lockon.
 1—No. 1041 Transformer with CIRCUIT-BREAKER.
 Equipped with ELECTRIC COUPLERS. Track forms oval 27½ by 45¼ inches. Train is 44¼ inches long.

Price \$19.50

Outfit No. 1185—Same as No. 1185W, but without built-in whistle and with No. 1037 Transformer instead of No. 1041 Transformer.

Price \$15.75

LIONEL
★ **O-27** ★
GAUGE

\$16.50

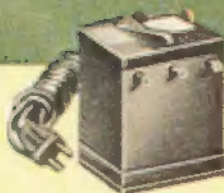
WITH WHISTLE, \$20.25

\$16.75

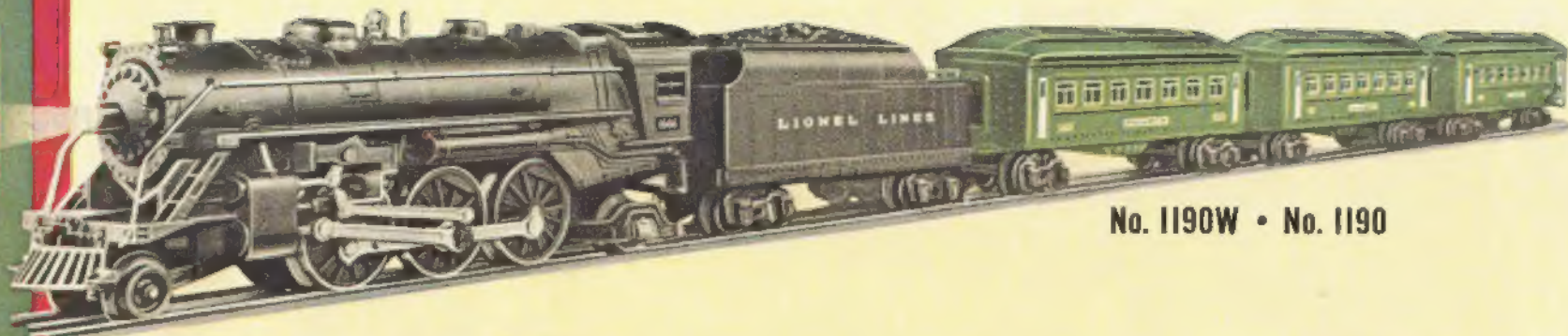
SWITCHING OUTFIT

\$18.75

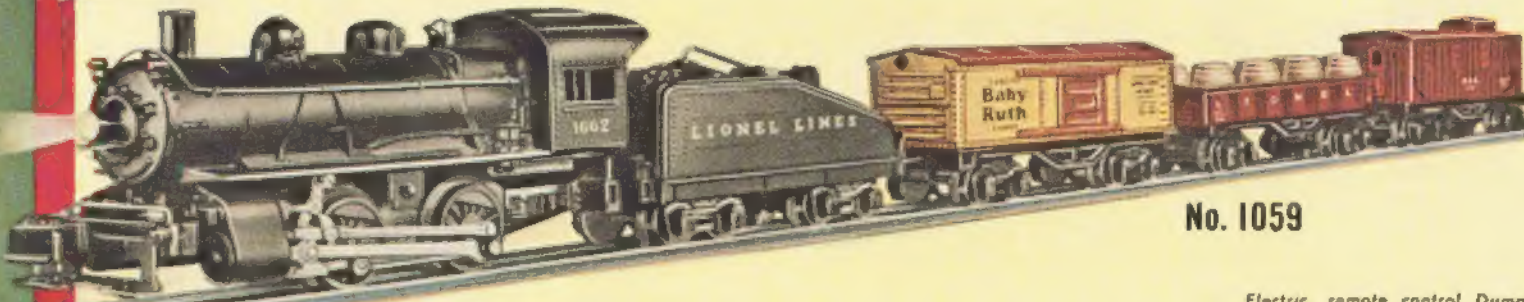
WITH WHISTLE, \$22.50



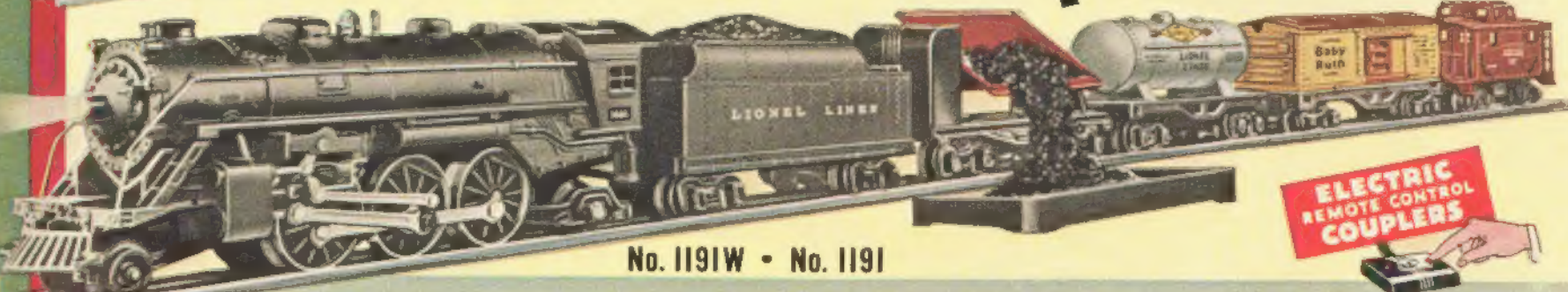
All "O-27" outfits include a Lionel-built transformer — for 110 to 115-volt, 60 cycle alternating current. Trains with whistles are furnished with No. 1041 60-watt transformer with built-in circuit-breaker, whistle and speed controls. (No. 1041, \$4.75.) Trains not having whistles are furnished with No. 1037 40-watt transformer. (No. 1037, \$2.25.)



No. 1190W • No. 1190



No. 1059



Electric, remote control Dump Car tilts at touch of a button.

**ELECTRIC
REMOTE CONTROL
COUPLERS**

No. 1191W • No. 1191

Outfit No. 1190W consists of:

- 1-No. 1666 Six-drivewheel steam type locomotive.
 - 1-No. 2666W Coal tender with BUILT-IN WHISTLE.
 - 2-No. 2640 ILLUMINATED Pullmans, 12¼ inches long.
 - 1-No. 2641 ILLUMINATED observation car.
 - 8-Sections of No. 1013 Curved track.
 - 3-Sections of No. 1018 Straight track.
 - 1-No. 1019 Remote control track, 1-UTC Lockon.
 - 1-No. 1041 Transformer, built-in CIRCUIT-BREAKER.
- Tender and all cars equipped with ELECTRIC COUPLERS. Track supplied forms an oval 27½ by 45¼ inches. Train is 51 inches long.

Price \$20.25

Outfit No. 1190—Same as No. 1190W, but without built-in whistle and with No. 1037 Transformer instead of No. 1041 Transformer.

Price \$16.50

Outfit No. 1059 consists of:

- 1-No. 1662 Switching engine, ELECTRIC pilot coupler.
 - 1-No. 2203T Tender with BACK-UP HEADLIGHT.
- Switching locomotive and sloping-back tender overall measure 16¾ inches in length.
- 1-No. 2679 Box car, 9¼ inches long.
 - 1-No. 2677 Gondola car with barrels, 9¼ inches long.
 - 1-No. 2682X Caboose, 9¼ inches long.
 - 8-Sections of No. 1013 Curved track.
 - 5-Sections of No. 1018 Straight track.
 - 1-No. 1019 Remote control track, 1-UTC Lockon.
 - 1-No. 1037 Transformer with speed controls.
- Locomotive pilot, tender and all cars equipped with ELECTRIC COUPLERS.

Track supplied forms an oval 27½ by 54¼ inches. Train is 43½ inches long.

Price \$16.75

Outfit No. 1191W consists of:

- 1-No. 1666 Six-drivewheel steam type locomotive.
 - 1-No. 2666W Coal tender with BUILT-IN WHISTLE.
 - 1-No. 2679 Box car, 9¼ inches long.
 - 1-No. 2680 Tank car, 9¼ inches long.
 - 1-No. 3659 REMOTE CONTROL dump car, 6¾" long.
 - 1-No. 2672 Scale detailed caboose, 7¾ inches long.
 - 8-No. 1013 Curved track, 5-No. 1018 Straight track.
 - 1-No. 1019 track, 1-UTC Lockon, 1-No. 160 Bin.
 - 1-No. 1041 Transformer, built-in CIRCUIT-BREAKER.
- Track forms oval 27½" by 54¼". Equipped with ELECTRIC COUPLERS. Train is 51½" long.

Price \$22.50

Outfit No. 1191—Same as No. 1191W, but without built-in whistle and with No. 1037 Transformer instead of No. 1041 Transformer.

Price \$18.75

LIONEL
O-27
GAUGE

\$27.50

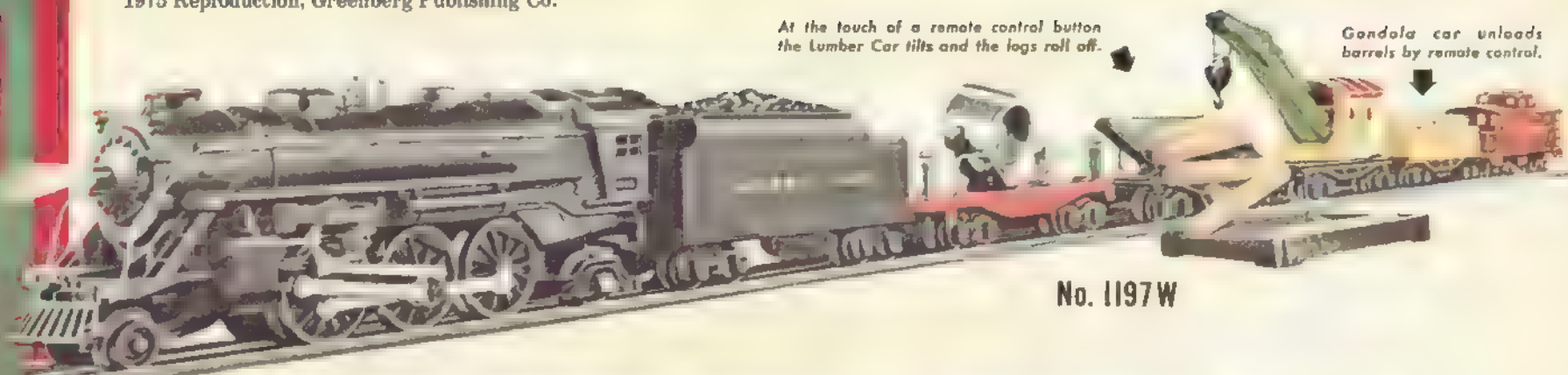
WITH BUILT-IN WHISTLE

\$21.50

WITH WHISTLE, \$25.25



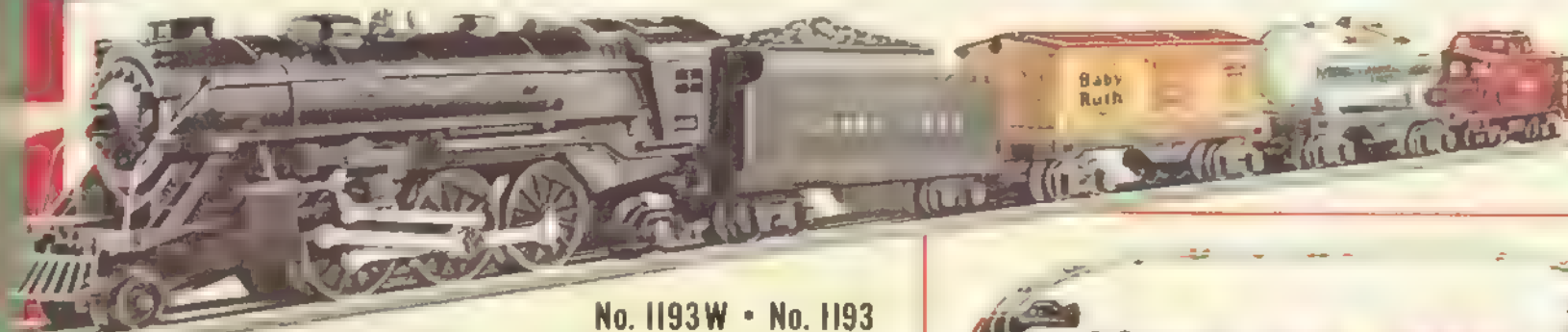
All "O-27" outfits include a Lionel built transformer - for 110 to 115-volt, 60-cycle alternating current. Trains with whistles are furnished with No. 1041 60-watt transformer with built-in circuit breaker, whistle and speed controls. (No. 1041, \$4.75.) Trains not having whistles are furnished with No. 1037 40-watt transformer. (No. 1037, \$2.25.)



No. 1197W

At the touch of a remote control button the Lumber Car tilts and the logs roll off.

Gondola car unloads barrels by remote control.



No. 1193W • No. 1193



Outfit No. 1197W consists of:

- 1-No. 1666 Six drivewheel steam type locomotive.
 - 1-No. 2666W Coal tender with BUILT IN WHISTLE.
 - 1-No. 2620 Revolving, electric floodlight car. 6 3/4 inches long.
 - 1-No. 3651 Electrically operated, REMOTE CONTROL lumber car. 6 3/4 inches long.
 - 1-No. 2660 Crane car that can be operated manually. 8 3/4 inches long.
 - 1-No. 3652 Electrically operated, REMOTE CONTROL gondola car. 6 3/4 inches long.
 - 1-No. 2672 Scale detailed caboose. 7 3/4 inches long.
 - 2-No. 160 Unloading bins.
 - 8-Sections of No. 1013 Curved track.
 - 5-Sections of No. 1018 Straight track.
 - 1-No. 1019 Remote control track. 1-UTC Lockon.
 - 1-No. 1041 Transformer with BUILT IN CIRCUIT BREAKER and whistle control.
- Tender and all cars equipped with ELECTRIC COUPLERS. Track supplied forms an oval 27 1/2 by 54 inches. Train is 57 1/2 inches long.

Price \$27.50

Outfit No. 1193W consists of:

- 1-No. 1666 Six drivewheel steam type locomotive.
 - 1-No. 2666W Coal tender with BUILT IN WHISTLE.
 - 1-No. 2679 Box car with Baby Ruth advertisement. 9 1/4 inches long.
 - 1-No. 2680 Tank car with Sun Oil Co. emblem. 9 1/4 inches long.
 - 1-No. 2672 Scale detailed caboose. 7 3/4 inches long.
 - 10-Sections of No. 1013 Curved track.
 - 5-Sections of No. 1018 Straight track.
 - 1-No. 1019 Remote control track. 1-UTC Lockon.
 - 1-No. 1121 Pair of electric, REMOTE CONTROL switches.
 - 1-No. 1041 Transformer with BUILT IN CIRCUIT BREAKER and whistle control.
- Equipped with ELECTRIC COUPLERS. Train is 44 1/2 inches long.

Price \$25.25

Outfit No. 1193-Same as No. 1193W, but without built in whistle and with No. 1037 Transformer instead of No. 1041 Transformer.

Price \$21.50

LIONEL
O-27
GAUGE

\$32.50

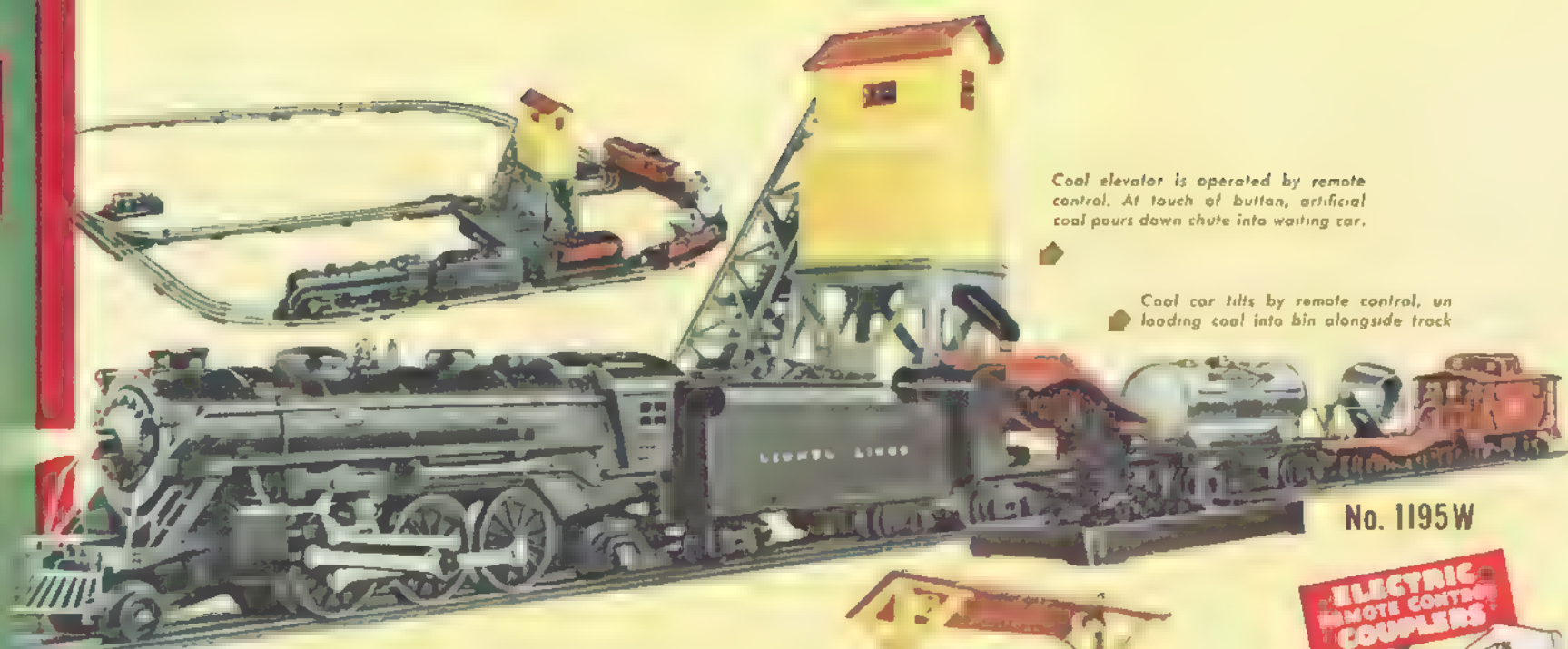
WITH BUILT-IN WHISTLE

\$32.50

WITH BUILT-IN WHISTLE



All O-27 outfits include a Lionel built transformer — for 110 to 115 volt, 60 cycle alternating current. Trains with whistles are furnished with No. 1041 60 watt transformer with built-in circuit breaker, whistle and speed controls. No. 1041, \$4.75. Trains not having whistles are furnished with No. 1037 40 watt transformer (No. 1037, \$2.25).



Coal elevator is operated by remote control. At touch of button, artificial coal pours down chute into waiting car.

Coal car tilts by remote control, unloading coal into bin alongside track.

No. 1195W



Electrically operated Log Loader
Remote control Lumber Car and Gondola



No. 1199W

Outfit No. 1199W consists of:

- 1—No. 1666 Six drive-wheel steam type locomotive.
 - 1—No. 2666W Coal tender with BUILT-IN WHISTLE
 - 1—No. 3651 Electric, REMOTE CONTROL lumber car. 6 1/4 inches long.
 - 1—No. 3652 Electric, REMOTE CONTROL gondola car. 6 1/4 inches long.
 - 1—No. 2680 Tank car with Sun Oil Co. emblem. 9 1/4 inches long
 - 1—No. 2672 Scale detailed caboose. 7 1/2 inches long
 - 1—No. 164 Electrically operated, REMOTE CONTROL log loader.
 - 3—No. 160 Unloading bins
 - 10—Sections of No. 1013 Curved track.
 - 5—Sections of No. 1018 Straight track.
 - 1—No. 1019 Remote control track, 1—UTC Lockon.
 - 1—No. 1121 Pair of electric, REMOTE CONTROL switches.
 - 1—No. 1041 Transformer with REMOTE BREAKER and whistle control.
- Tender and all cars equipped with ELECTRIC COUPLERS. Train is 50 1/2 inches long.

Outfit No. 1195W consists of:

- 1—No. 1666 Six-drive-wheel steam type locomotive.
- 1—No. 2666W Coal tender with BUILT-IN WHISTLE.
- 1—No. 3659 Electric, REMOTE CONTROL dump car. 6 1/4 inches long.
- 1—No. 2680 Tank car. 9 1/4 inches long.
- 1—No. 2620 Revalving, electric Roadlight car. 6 1/4 inches long.
- 1—No. 2672 Scale detailed caboose. 7 1/2 inches long.
- 1—No. 97 Electric, REMOTE CONTROL coal elevator.
- 1—No. 160 Unloading bin.
- 10—Sections of No. 1013 Curved track.
- 5—Sections of No. 1018 Straight track.
- 1—No. 1121 Pair of electric, REMOTE CONTROL switches.
- 1—No. 1019. 1—UTC.
- 1—No. 1041 Transformer with BUILT-IN CIRCUIT BREAKER and whistle control.

Equipped with ELECTRIC COUPLERS. Train is 50 1/2 inches long.

Price \$32.50

Price \$32.50

LIONEL
★O-27★
GAUGE

\$42.75
THE TRAIN OUTFIT



ELECTRIC
REMOTE CONTROL
COUPLERS



No. 1061



At the touch of a remote control button—flat car tilts and logs roll off

**MAGIC
ELECTROL**

New, Sensational Mystery Motor—Enables Two Trains to Run on Same Track Circuit, at Same Time, Individually Controlled!

COMPLETE, COMBINATION TWO-TRAIN RAILROAD OUTFIT

Outfit No. 1061 consists of:

- 1-No. 1666 Six-drivewheel locomotive.
- 1-No. 2689T Tender.
- 2-No. 2640 ILLUMINATED Pullman cars. 12 $\frac{1}{2}$ inches long.
- 1-No. 2641 ILLUMINATED Observation car. 12 $\frac{1}{2}$ inches long.
- 1-No. 1663 Switching engine with electric, REMOTE CONTROL pilot coupler.
- 1-No. 2201T Tender with BACK-UP HEAD-LIGHT
- 1-No. 3651 Electrically operated, REMOTE CONTROL lumber car. 6 $\frac{1}{2}$ " long.
- 1-No. 2679 Box car with Baby Ruth advertisement. 9 $\frac{1}{4}$ inches long.

- 1-No. 2657X Caboose. 6 $\frac{1}{2}$ inches long.
 - 10-Sections of No. 1013 Curved track.
 - 17-Sections of No. 1018 Straight track.
 - 1-No. 1121 Pair of electric, REMOTE CONTROL switches
 - 2-No. 1019 Remote control track.
 - 1-UTC Lockon. 1-No. 168 Controller.
 - 1-Type "Q" Trainmaster Transformer with built-in CIRCUIT BREAKER and a knob for fine regulation of train speeds.
- Tenders and all cars equipped with electric, REMOTE CONTROL COUPLERS Track supplied forms an oval 72 by 54 inches. Freight train is 42 inches long. Passenger train is 53 $\frac{1}{2}$ inches long.

Price \$42.75

Outfit No. 1061 includes Type "Q" Trainmaster Transformer and this bank of controls for the operation of switches, electric lumber car, electric couplers and for starting, stopping and reversing each train individually Type "Q" Transformer contains a built in circuit breaker.

LIONEL
O
GAUGE

OUTFIT NO. 267W

\$16.50

BUILT-IN WHISTLE

OUTFIT NO. 639

\$13.50

NO. 639W \$12.11

OUTFIT NO. 631

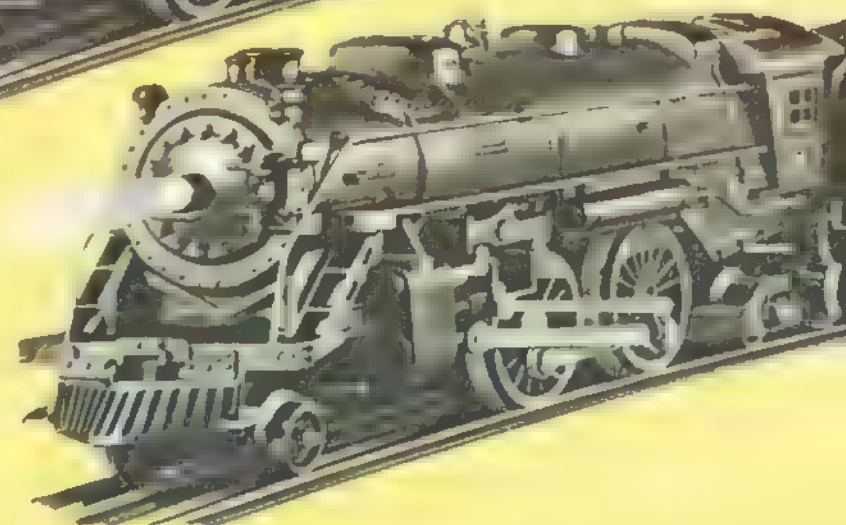
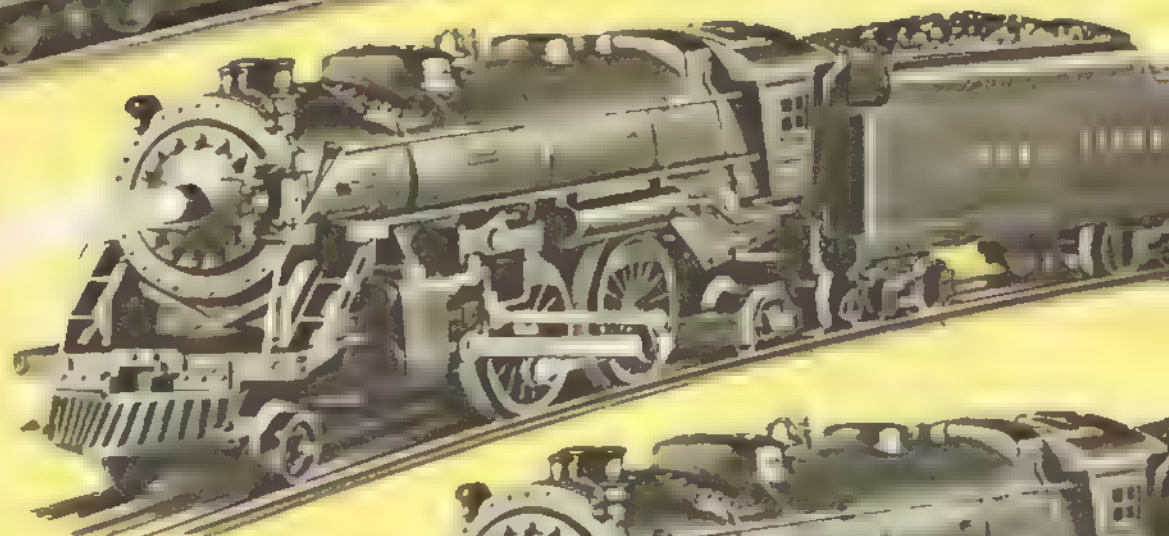
\$13.95

NO. 631W \$12.11

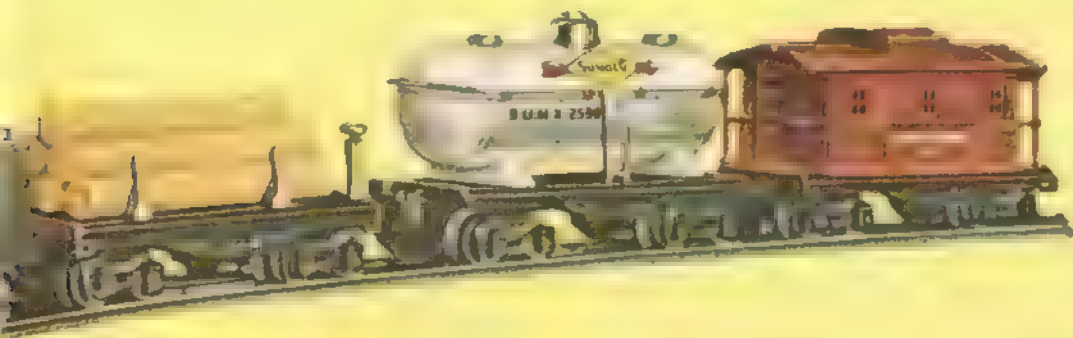


NO. 2229EWX LOCOMOTIVE-TENDER OUTFIT

Locomotive cab, boiler and pilot are die cast and highly detailed. Powerful motor. Steel tired drive wheels. Piercing headlight. Built-in, remote control railroad whistle. Tender has an electric coupler at the car end. For use with cars of the 2640, 2651 and 2750 series and with 651 series cars which do not have electric couplers. Locomotive and tender together are 17 1/4 inches long. Outfit consists of No. 229 Locomotive, No. O 2666W Tender and No. 167 Whistle controller. Price \$14.25



Not a trip in the track or a gadget—but a built in, electro-magnetic mechanism that is activated at the touch of a button, by remote control.



NEW, LOW, LONG, REALISTIC PASSENGER CARS
INTERIOR ILLUMINATION, REMOVABLE ROOFS

NEW 20" GARDNER GREENBERG TRAIN SETS!

★ Introducing the new 20" Gardner Greenberg train sets! These sets are the most realistic and detailed ever made. They feature a variety of new and improved cars, including a new low, long, realistic passenger car with interior illumination and removable roofs. The sets are designed to provide hours of fun and excitement for your child.

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LIONEL

★ ★ **O** ★ ★
GAUGE

OUTFIT No. 84

\$15.75

No. 841W \$19.50

OUTFIT No. 140

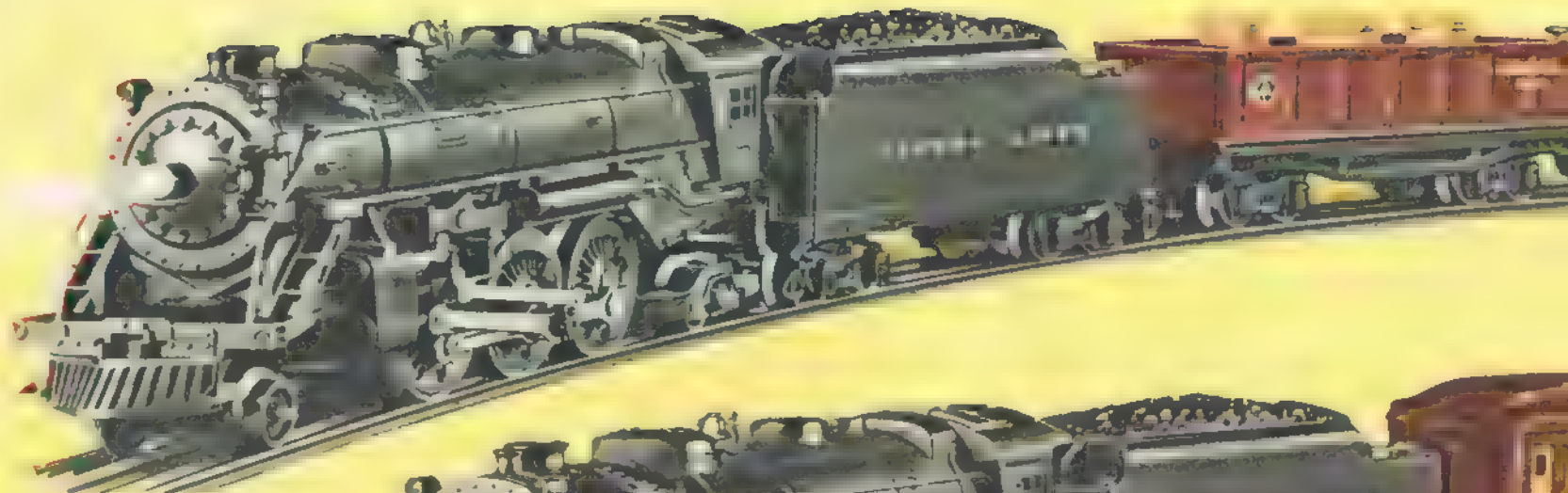
\$16.95

No. 140W \$20.71

OUTFIT No. 841

\$18.75

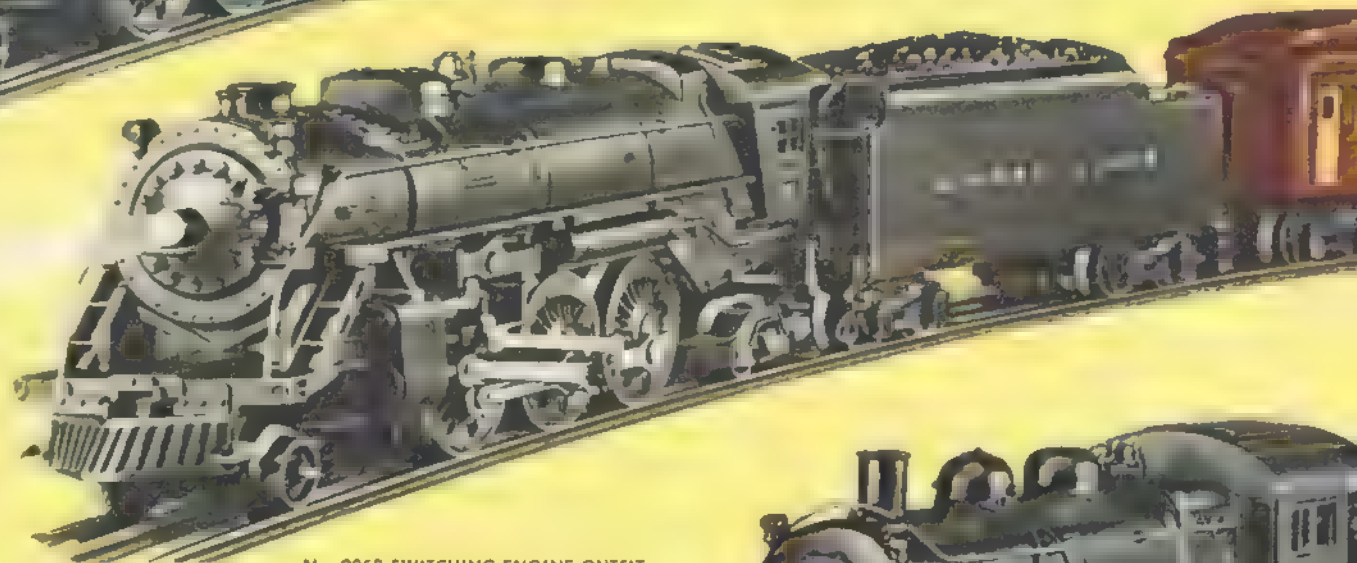
No. 845B \$22.50



No. 224EW

LOCOMOTIVE-TENDER OUTFIT

Accurately proportioned, die cast cab and boiler. Engine has Baldwin disc wheels and piercing headlight. Built-in, electrically operated, remote control whistle. Tender has an electric coupler at car end. For use with cars of 2640, 2651, 2750 and 2900 series and with 651 series cars which do not have electric couplers. Locomotive and tender measure 17 1/4 inches overall. Outfit consists of No. 224 Locomotive, No. 224W Tender and No. 167 Controller. Price \$15.00

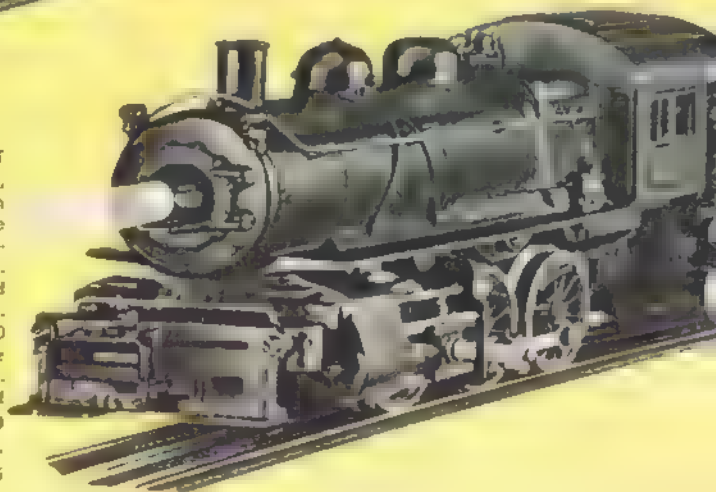


One, two, three, or any number of cars can be uncoupled from the rest of the train at the touch of a button by electric remote control.

No. 905B SWITCHING ENGINE OUTFIT

Similar to No. 203 illustrated at right, but with 'Magic Electrol' motor which enables two trains to operate on the same track at the same time, individually controlled. Built-in, electric bell. Electro magnetic couplers on pilot and tender. Tender has back up headlight. For use with 651, 2651, 2750 and 2900 series cars. Locomotive and tender are 16 1/4 inches long. Outfit consists of No. 201 Locomotive, No. 2201B Tender and No. 168 Controller. Price \$20.50

No. 905-Same as No. 905B, but without built-in, electric bell. Price \$16.75





← EXACT REPLICA MODEL OF THE LATEST
PENNSYLVANIA ALL-STEEL CABOOSE



↑ NEW, ACCURATELY DETAILED, REALISTICALLY PROPORTIONED
AUTOMOBILE CAR, OIL TANK CAR AND ILLUMINATED CABOOSE

THE HISTORY OF THE PENNSYLVANIA RAILROAD

The Pennsylvania Railroad (PRR) was one of the largest and most influential railroads in the United States. It was founded in 1825 and operated for over 150 years. The PRR was known for its extensive network of tracks, which spanned across the eastern half of the United States. It was also known for its high-quality service, which included passenger trains, freight trains, and mail trains. The PRR was a major force in the development of the American railroad industry, and its legacy is still felt today.

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LIONEL
GAUGE

OUTFIT No. 843W

\$23.75

BUILT-IN WHISTLE

OUTFIT No. 845W

\$29.50

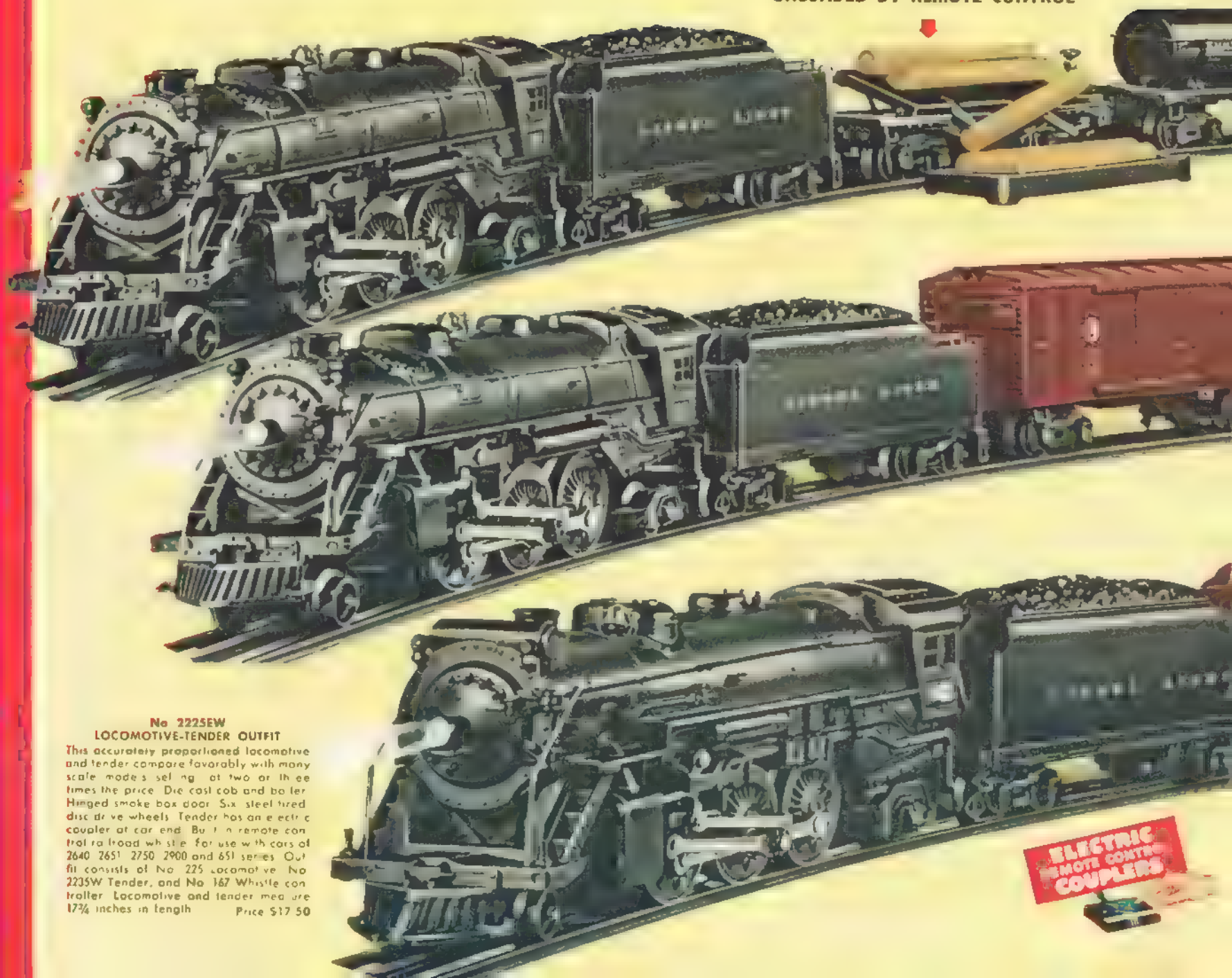
BUILT-IN WHISTLE

OUTFIT No. 846W

\$27.50

BUILT-IN WHISTLE

UNLOADED BY REMOTE CONTROL

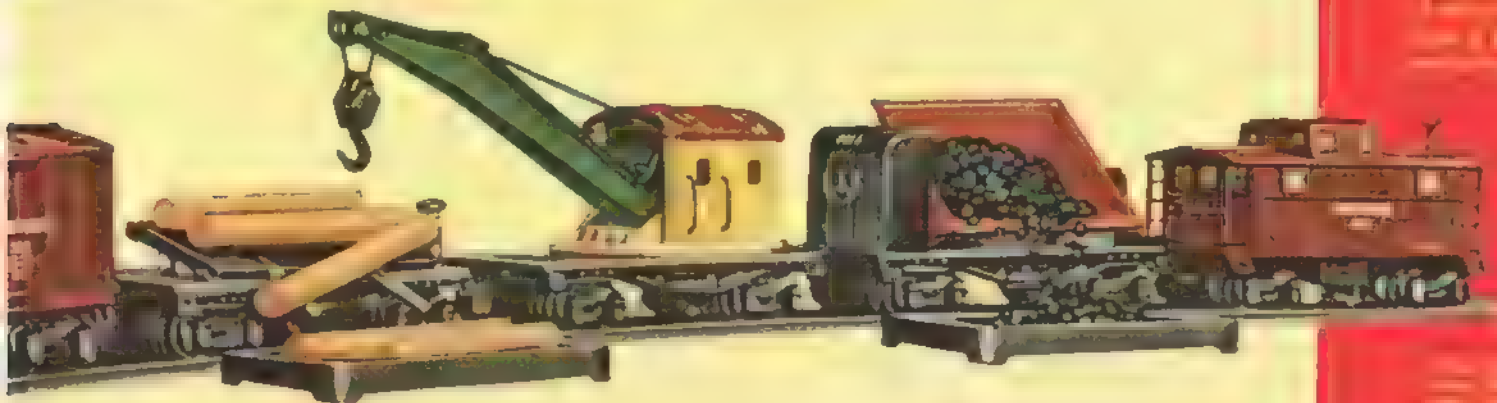
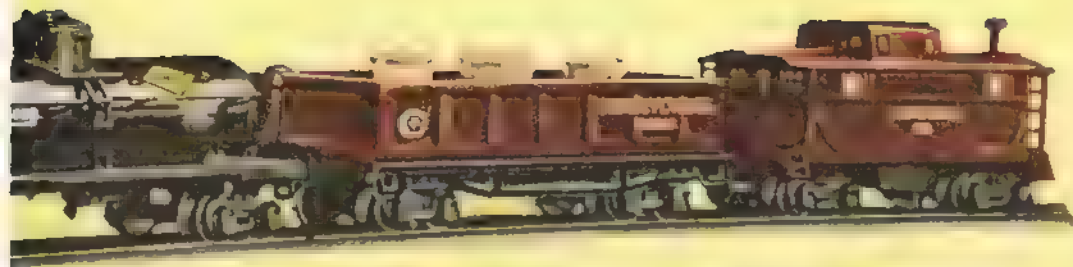


**No. 2225EW
LOCOMOTIVE-TENDER OUTFIT**

This accurately proportioned locomotive and tender compare favorably with many scale models selling at two or three times the price. Die cast cab and boiler. Hinged smoke box door. Six steel tired disc drive wheels. Tender has an electric coupler at car end. Built in remote control railroad whistle for use with cars of 2640, 2651, 2750, 2900 and 651 series. Outfit consists of No. 2225 locomotive, No. 2235W Tender, and No. 167 Whistle controller. Locomotive and tender measure 17 3/4 inches in length. Price \$17.50

**ELECTRIC
REMOTE CONTROL
COUPLERS**





↑ ↑
CARS ARE UNLOADED ELECTRICALLY — AT THE TOUCH OF A BUTTON



↑
NEW, LONG, REALISTICALLY PROPORTIONED, ACCURATELY DETAILED
PASSENGER COACHES. SIX-WHEEL TRUCKS. INTERIOR ILLUMINATION

*One, two, three, or any number of cars can
be uncoupled from the rest of the train at the
touch of a button — by electric remote control*

LIONEL
GAUGE

OUTFIT No. 847W

\$27.50

BUILT-IN WHISTLE

OUTFIT No. 261W

\$28.50

BUILT-IN WHISTLE

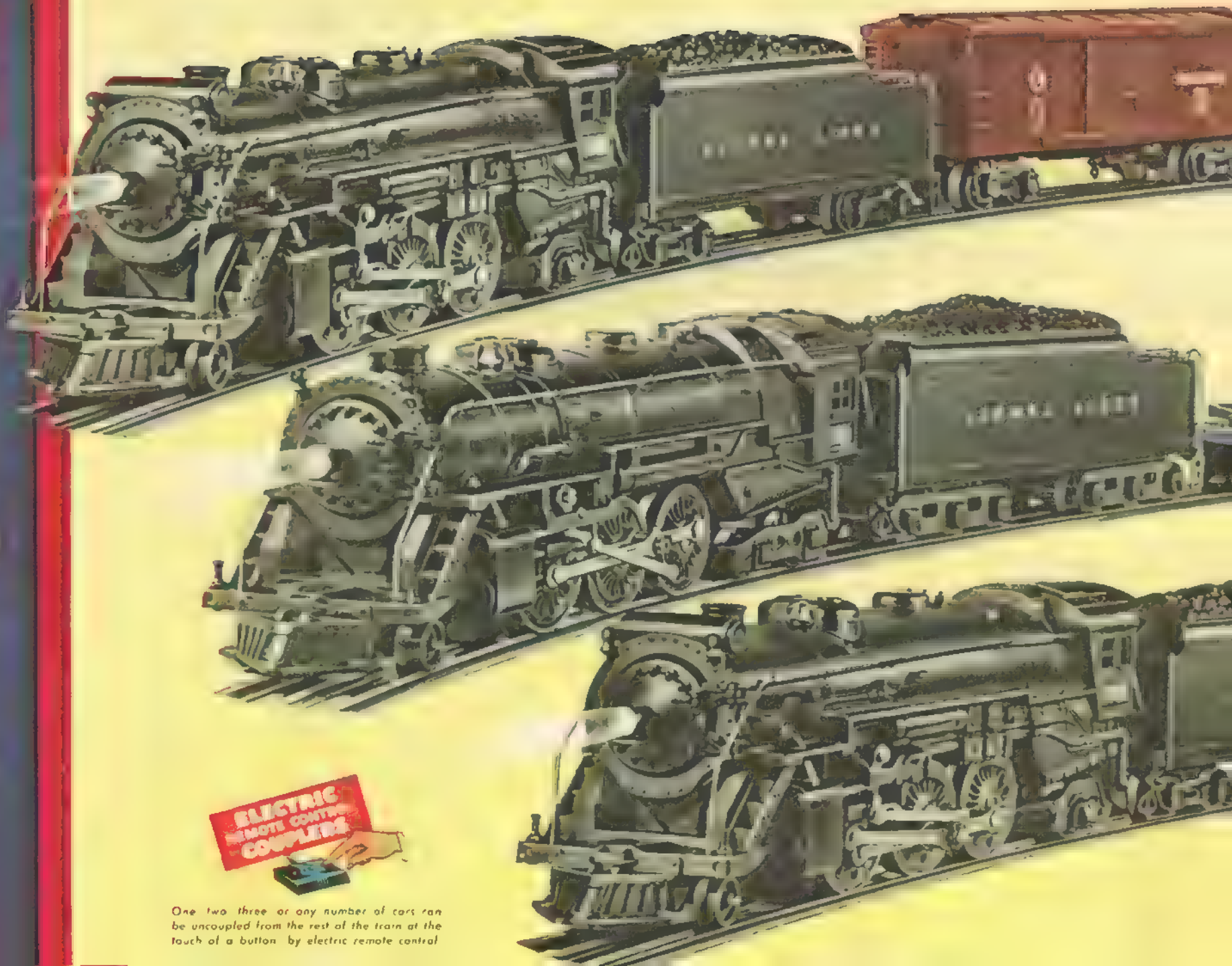
OUTFIT No. 831W

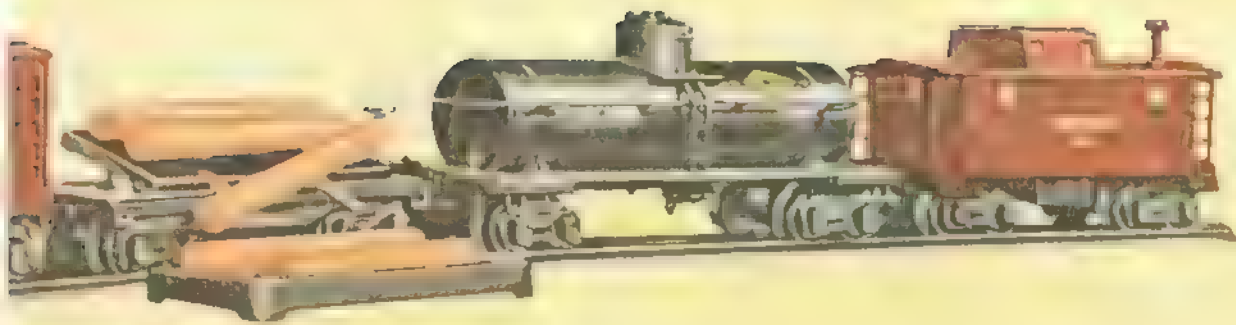
\$32.50

BUILT-IN WHISTLE

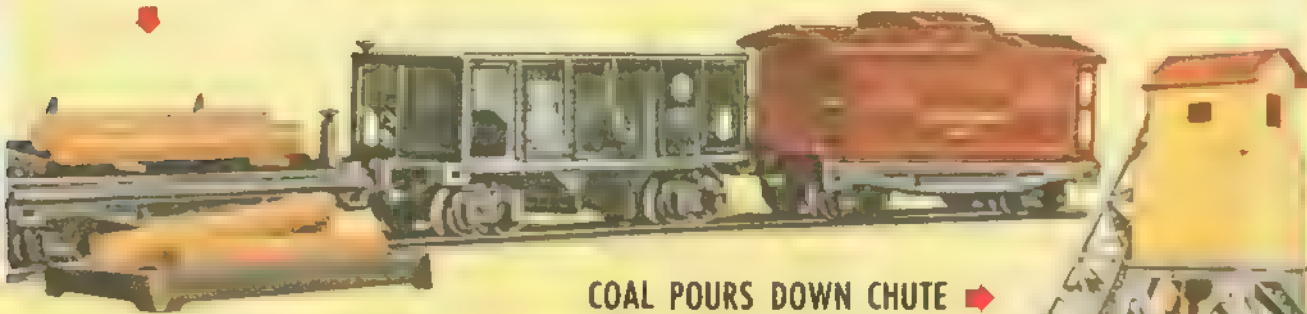


One two three or any number of cars can be uncoupled from the rest of the train at the touch of a button by electric remote control

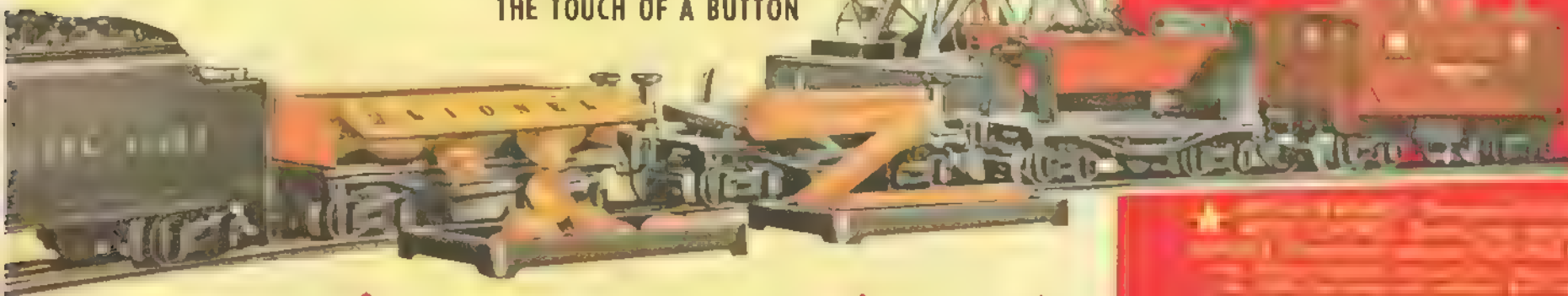




▲
 LUMBER CARS UNLOAD LOGS
 BY ELECTRIC, REMOTE CONTROL
 ▼



COAL POURS DOWN CHUTE
 INTO WAITING CAR—AT
 THE TOUCH OF A BUTTON



▲
 THREE FREIGHT CARS UNLOAD LOGS, BARRELS OR COAL
 AT TOUCH OF A BUTTON—BY MAGIC REMOTE CONTROL
 ▲

THE LATEST AND MOST ADVANCED TRAIN SYSTEM
 IS THE "MAGIC REMOTE CONTROL" SYSTEM.
 IT IS THE ONLY SYSTEM IN THE WORLD
 THAT CAN BE USED TO UNLOAD LOGS, BARRELS
 OR COAL FROM FREIGHT CARS AT THE TOUCH
 OF A BUTTON.

THE "MAGIC REMOTE CONTROL" SYSTEM
 IS THE ONLY SYSTEM IN THE WORLD
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 OR COAL FROM FREIGHT CARS AT THE TOUCH
 OF A BUTTON.

LIONEL



GAUGE

OUTFIT No. 890W

\$35.00

BUILT-IN WHISTLE

OUTFIT No. 291W

\$33.50

BUILT-IN WHISTLE

OUTFIT No. 869W

\$32.50

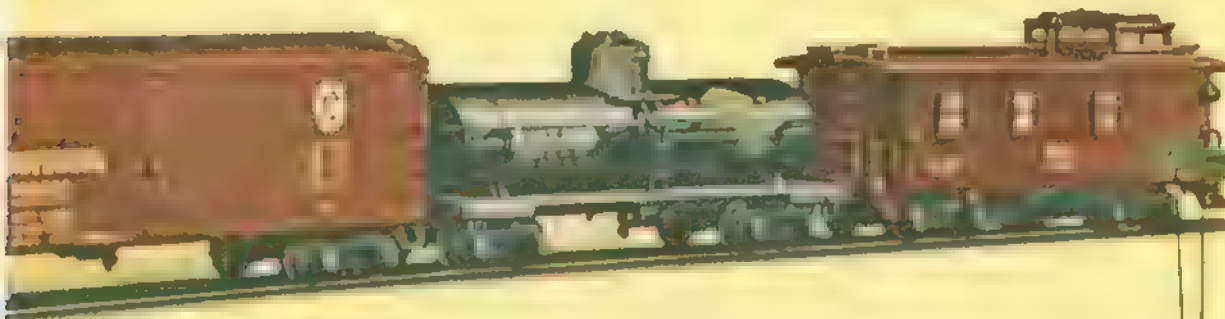
BUILT-IN WHISTLE

ELECTRIC
REMOTE CONTROL
COUPLER

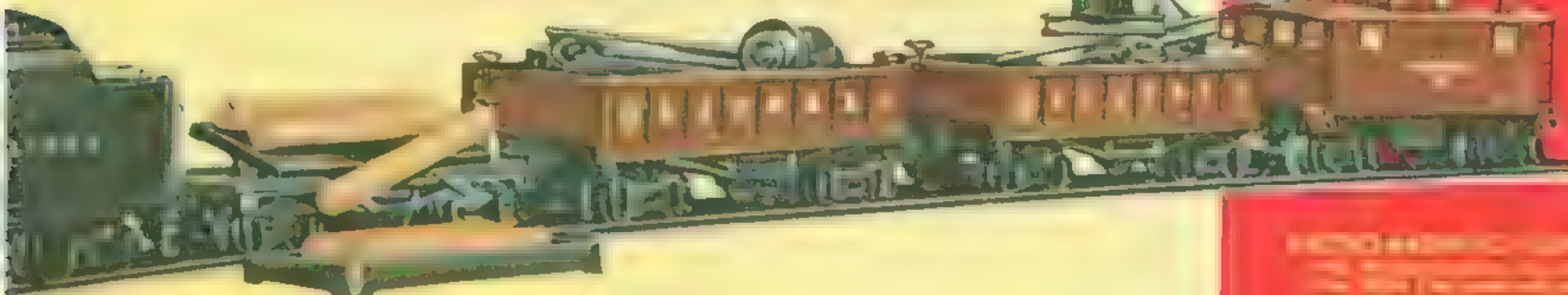
One, two, three, or any number of cars can be uncoupled from the rest of the train at the touch of a button—by electric remote control.



NEW, CLOSELY COUPLED, SCALE DETAILED
PASSENGER CARS WITH SIX-WHEEL TRUCKS



ELECTRICALLY OPERATED MAGNET CRANE
LIFTS AND REVOLVES TO RIGHT OR LEFT



CAR TILTS OUT LOAD OF LOGS
BY ELECTRIC, REMOTE CONTROL

LIONEL
O
GAUGE

LOCOMOTIVE No. B598

\$35.00

WITH BUILT-IN ROLL

LOCOMOTIVE No. B638

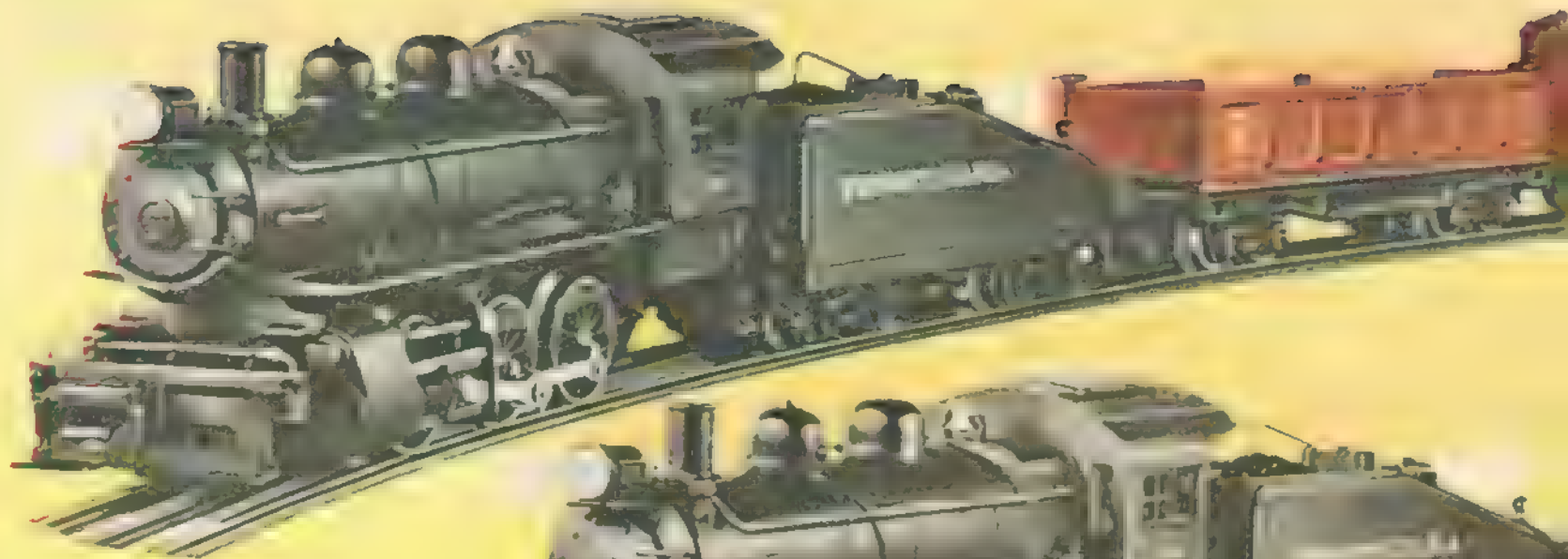
\$39.50

WITH BUILT-IN ROLL

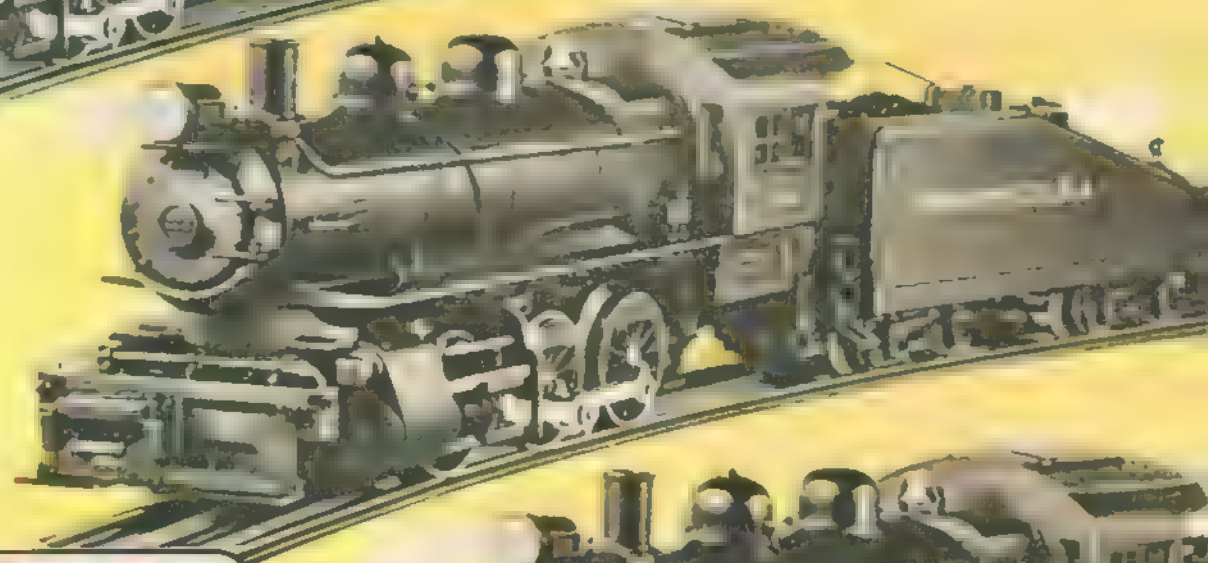
LOCOMOTIVE No. T511

\$42.50

WITH BUILT-IN ROLL

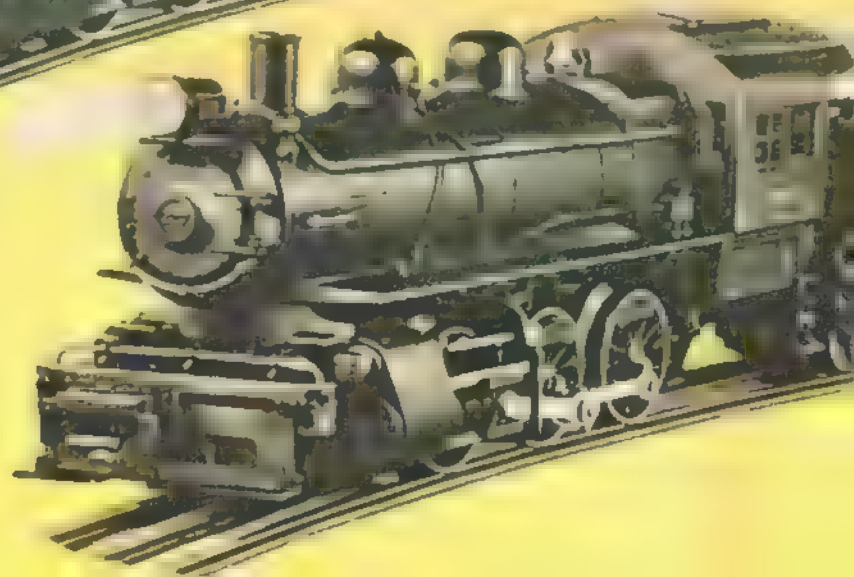


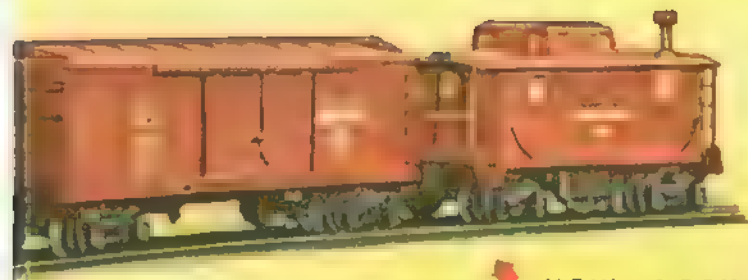
PILOT COUPLERS ON ENGINES
PERMIT SHUNTING AND OTHER
REAL SWITCHING OPERATIONS



Teledyne Couplers

Locomotives and tenders on this page are equipped with "Teledyne" Couplers. Cars can be coupled or uncoupled on any style of track, at any time, anywhere in the layout — without special track or added attachments.





Switching engine outfits illustrated on this page are equipped with a built-in, electrically operated, thermostatically controlled railroad engine bell which tolls realistically whether engine is moving forwards, backwards or standing still.

NEW, ACCURATE, SCALE-DETAILED AUTOMOBILE CAR AND CABOOSE



DOOR SLIDES OPEN AND BOXES POP OUT



SWITCHING ENGINES CAN BE PURCHASED SEPARATELY

No. 902B—Switching Engine-Tender Outfit. For use with 2651 series cars. Equipped with ELECTRIC BELL and "TELEDYNE" COUPLERS, which may be actuated on any style track at any time. Price \$27.50

No. 903B—Same as 902B but for use with 2800 series cars. Price \$27.50

No. 906B—Similar to 902B but with "MAGIC ELECTROL", which permits individual control of engine when operating on same track with a second train; ELECTRO MAGNETIC COUPLERS. Price \$26.50

No. 907B—Same as 906B but for use with 2800 series cars. Price \$26.50

No. 910 2651 Series Switching Engine

★ This engine is equipped with a built-in, electrically operated, thermostatically controlled railroad engine bell which tolls realistically whether engine is moving forwards, backwards or standing still. It is also equipped with "TELEDYNE" couplers, which may be actuated on any style track at any time. Price \$27.50

No. 911 2800 Series Switching Engine

★ This engine is equipped with a built-in, electrically operated, thermostatically controlled railroad engine bell which tolls realistically whether engine is moving forwards, backwards or standing still. It is also equipped with "TELEDYNE" couplers, which may be actuated on any style track at any time. Price \$27.50

No. 912 2651 Series Switching Engine

★ This engine is equipped with a built-in, electrically operated, thermostatically controlled railroad engine bell which tolls realistically whether engine is moving forwards, backwards or standing still. It is also equipped with "MAGIC ELECTROL", which permits individual control of engine when operating on same track with a second train; ELECTRO MAGNETIC COUPLERS. Price \$26.50

No. 913 2800 Series Switching Engine

★ This engine is equipped with a built-in, electrically operated, thermostatically controlled railroad engine bell which tolls realistically whether engine is moving forwards, backwards or standing still. It is also equipped with "MAGIC ELECTROL", which permits individual control of engine when operating on same track with a second train; ELECTRO MAGNETIC COUPLERS. Price \$26.50

LIONEL
GAUGE

OUTFIT NO. 293W

\$38.50

BUILT-IN WHISTLE

OUTFIT NO. 873W

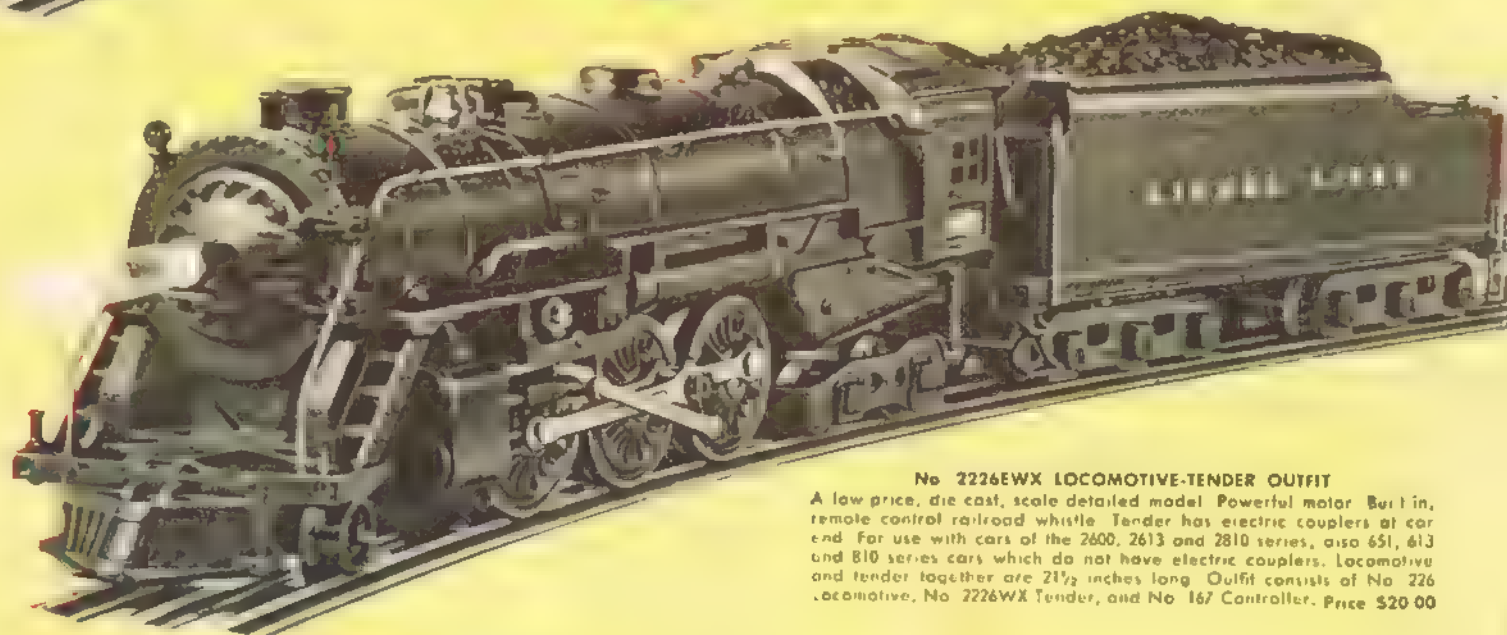
\$40.00

BUILT-IN WHISTLE

BIG, POWERFUL, SUPER-DETAILED ENGINES

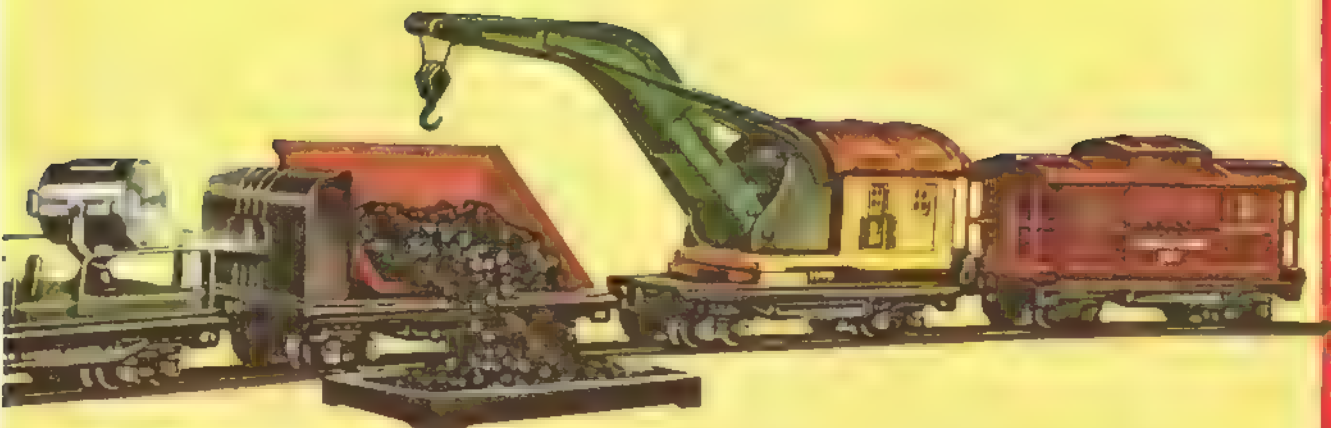


LIFTS LOGS TO ELEVATED PLATFORM
THEN LOADS THEM INTO WAITING CAR



NO. 2226EWX LOCOMOTIVE-TENDER OUTFIT

A low price, die cast, scale detailed model Powerful motor. Built in, remote control railroad whistle. Tender has electric couplers at car end. For use with cars of the 2600, 2613 and 2810 series, also 651, 613 and 810 series cars which do not have electric couplers. Locomotive and tender together are 21 1/2 inches long. Outfit consists of No. 226 locomotive, No. 2226WX Tender, and No. 167 Controller. Price \$20.00



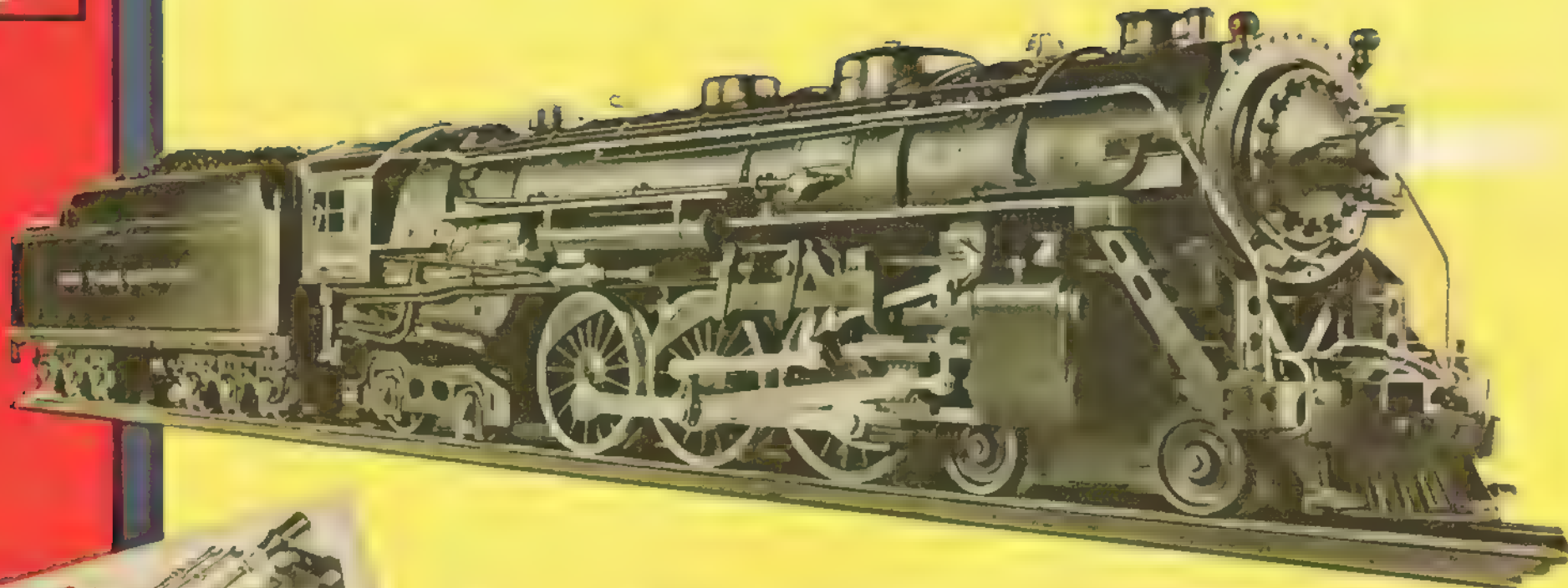
**COAL CAR UNLOADS ITSELF
AT THE TOUCH OF A BUTTON**



LOGS CAN BE UNLOADED
BY REMOTE CONTROL

DOOR OPENS ELECTRICALLY
AND BOXES ARE TOSSED OUT

LIONEL
O-72
GAUGE



DETAILED REPLICA OF THE FAMOUS HUDSON

AVAILABLE TWO WAYS: READY TO RUN AND IN KITS, READY TO BUILD

★ Whether your fingers are fidgeting to build a railroad engine of your own—or your heart is set on the most perfectly finished locomotive that can be produced—Lionel 5344 is your number, sir!

For, this year this greatest of all models can be bought two ways—in kits, ready for assembly; or assembled and ready for service.

It took two years and an investment of \$60,000 to design this true scale model of the New York Central Hudson which hauls the "Twentieth Century". Today it is acclaimed the

most perfect reproduction ever manufactured. Boiler, cab, tender, trucks, chests and pilot are die-cast in steel dies, under tons of pressure which imparts all minute detail.

Powered by heavy-duty AC-DC motor and worm gear drive. May be operated on any style of T-rail "O" gauge track with curves having a radius of not less than three feet. In addition to inside third-rail shoes, outside third-rail collectors are included. 24½ inches overall. Built-in whistle controller. Walnut finish stand. **No. 700EW. Price \$65.00**

BUILD YOUR OWN MODEL

Now, Lionel brings model building within the reach of every man and boy with these kits for constructing the powerful giant illustrated above—six kits containing everything from wheels to whistle.

Die-castings are finished. Major castings have been given their prime coat of paint, and paint for the finishing coat is included. All press assemblies are made. All holes are drilled and tapped where necessary. With every kit, complete graphic instructions are included. No particular skill is required.

LIONEL HUDSON LOCOMOTIVE KITS

No. 700K1—Frame, drive wheels, etc.	\$11.00
No. 700K2—Motor, worm, reversing unit	\$11.00
No. 700K3—Cab and boiler with trim.	\$11.00
No. 700K4—Trucks, wheels, pilot, etc.	\$ 8.25
No. 700K5—Complete tender assembly.	\$11.00
No. 700K6—Whistle unit and controller.	\$ 4.50
No. 700KW—All six kits, complete.	\$64.75
No. 700K—All kits except whistle.	\$52.25



Construction Kits contain complete instructions for quick, easy assembly.

No matter what type of road engines you have — whether you specialize in passenger or freight traffic, this Pennsylvania switch engine will be a valuable contribution for efficiency and realism of your system.



YARD ENGINES

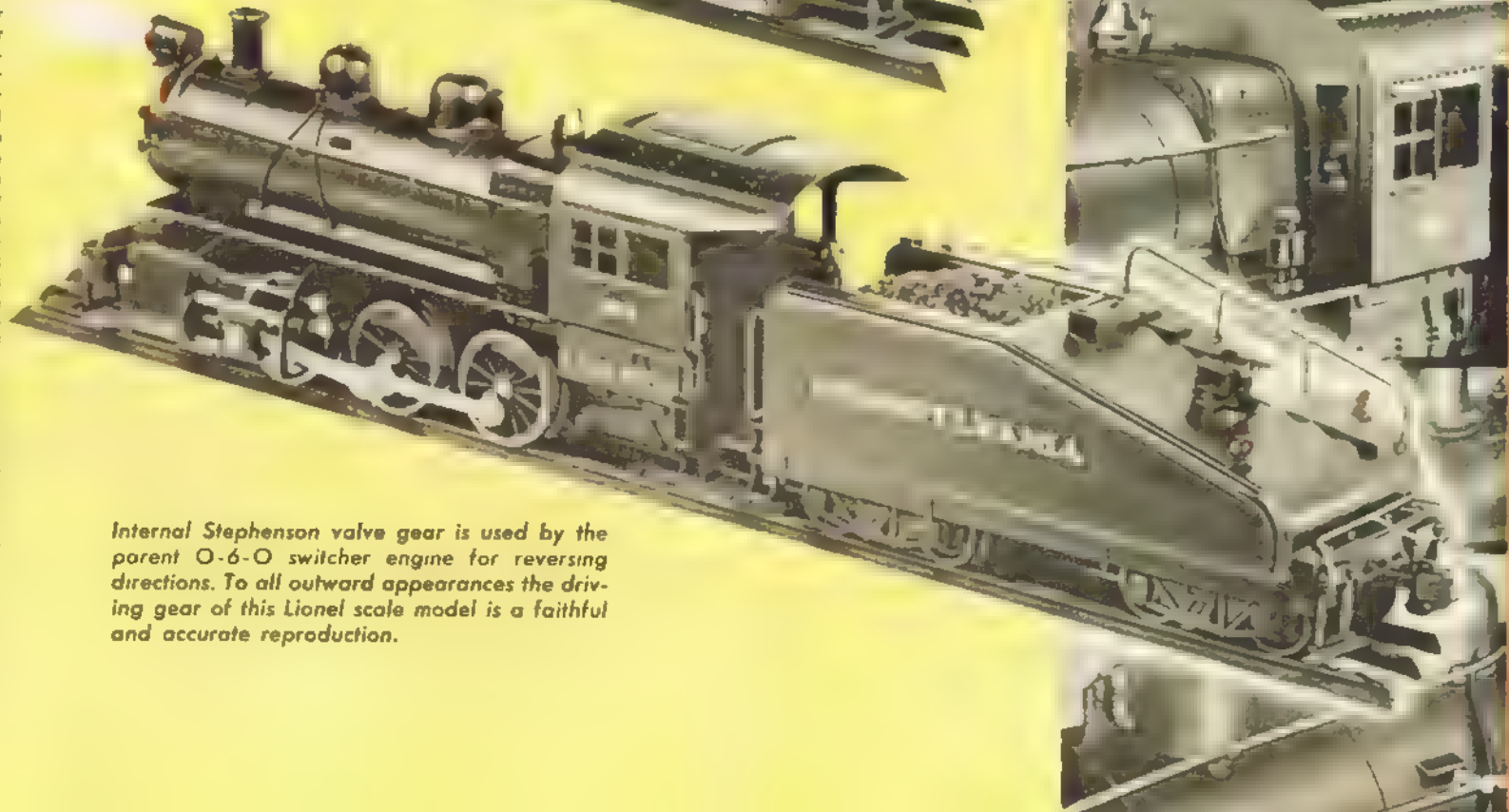
FOR SOLID, T-SHAPED, "O" GAUGE TRACK

★ No matter how you look at it—coming or going—this Lionel scale model switcher is one of the most authentic and meticulously exact reproductions ever manufactured—an aristocrat in scale perfection if there ever was one, a thrill and joy to the exacting model enthusiast and for every man and boy with an eye for precision workmanship and sharp, clean cut accurate definition. Cab, boiler, steam chests, tender, frame, body, trucks and many other engine and tender fittings are die castings reproduced in hardened steel dies. The headlight lamp is housed within a hinged smoke-box door. Handrails and grab-irons are stainless steel. Alligator crossheads and rods are die castings, the crosshead oxidized black and the rods chromium plated. Located in the cab of the engine, so that it is easily accessible, is a heavy duty AC DC Universal motor, developing a tremendous power which is transmitted to the drive wheels through a precision cut worm gear.

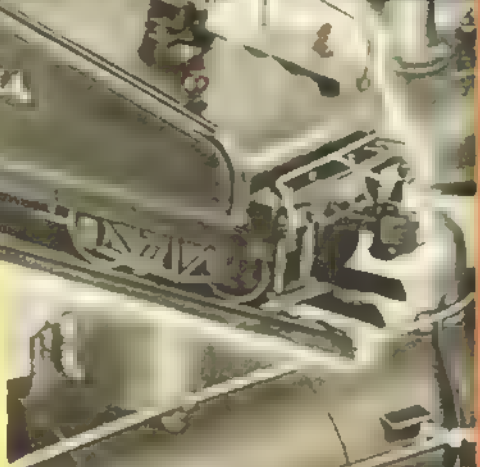
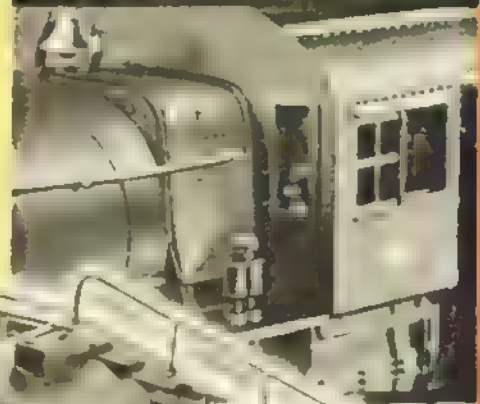
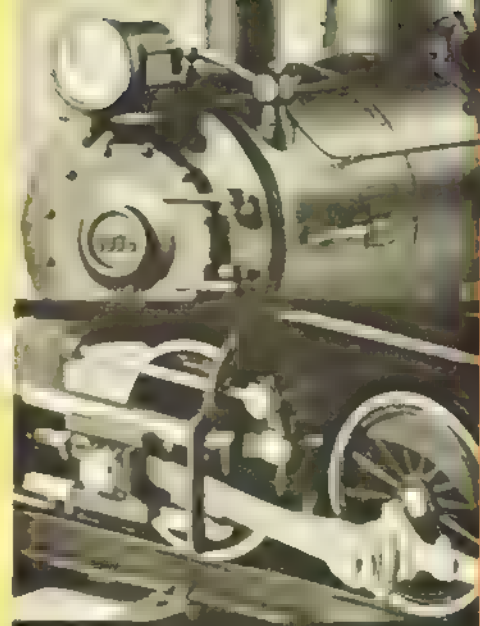
To the last nut and bolt, this Lionel masterpiece is complete in every detail. Sloping-back tender has a working, back up headlight and pilot lights. No. 708 is equipped with a crank for lifting the coupler pin.

Equipped, as illustrated, with scale model couplers on pilot and tender, and scale tender trucks. Built to standards of the National Model Railroad Association with approved scale flanges and coupler height. Fitted with inside 3rd-rail collectors as well as outside 3-rail collectors which may be applied easily. For use only on solid T-rail track. Complete with controller.

No. 708. Price \$35.00

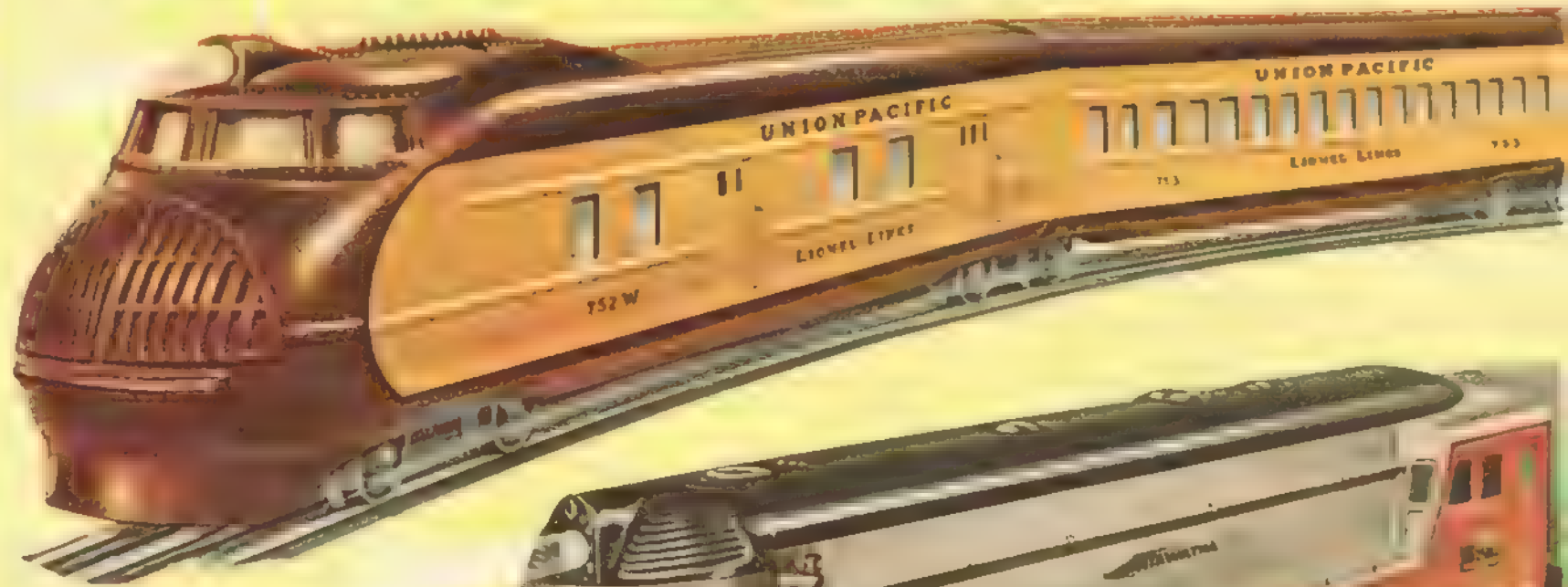


Internal Stephenson valve gear is used by the parent O-6-O switcher engine for reversing directions. To all outward appearances the driving gear of this Lionel scale model is a faithful and accurate reproduction.

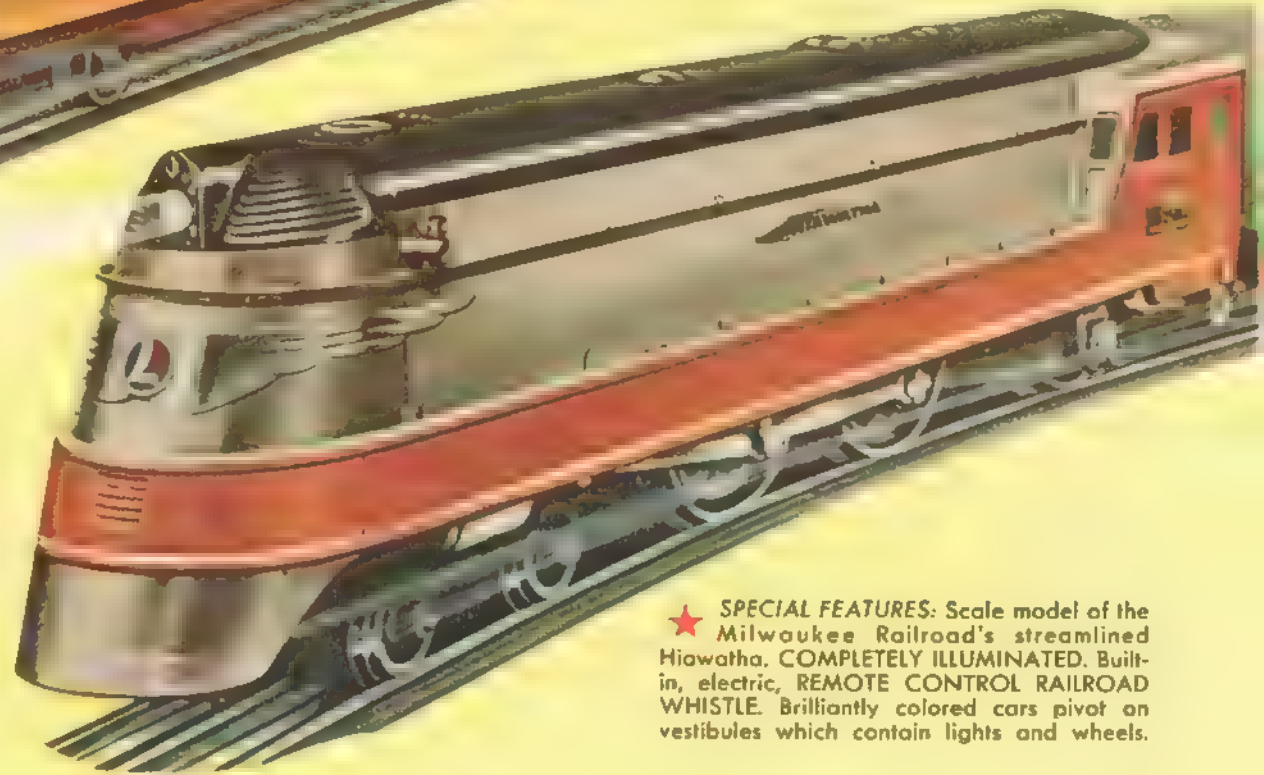


LIONEL
O-72
RANGE

SCALE MODEL, STREAMLINE SPEED KINGS



★ **SPECIAL FEATURES:** Scale model of the Union Pacific Railroad's streamlined City of Portland, the million dollar speed wizard which holds the transcontinental speed record. **COMPLETELY ILLUMINATED.** Built-in, electric, **REMOTE CONTROL RAILROAD WHISTLE.** Cars pivot on vestibules containing lights and wheels.



★ **SPECIAL FEATURES:** Scale model of the Milwaukee Railroad's streamlined Hiawatha. **COMPLETELY ILLUMINATED.** Built-in, electric, **REMOTE CONTROL RAILROAD WHISTLE.** Brilliantly colored cars pivot on vestibules which contain lights and wheels.



No. 758W "O-72" GAUGE PASSENGER OUTFIT

Scale model of the U.P. transcontinental record-holder. Outfit consists of:

- 1-No. 752W Scale model, Diesel type power car with built-in, REMOTE CONTROL WHISTLE.
- 2-No. 753 ILLUMINATED coaches. Enamel finish. 13 $\frac{3}{4}$ inches long.
- 1-No. 754 ILLUMINATED observation car. Enamel finish. 15 $\frac{1}{2}$ inches long.
- 1-No. 167 Whistle and reversing controller. 1-UTC Lockon
- 16-Sections of No. 761 Curved track. 4-Sections of No. 762 Straight track.

Train is 60 $\frac{1}{2}$ inches long. Track supplied with outfit forms an oval measuring 103 $\frac{1}{4}$ inches by 74 $\frac{1}{4}$ inches. Price \$25.00

No. 755W "O-72" GAUGE PASSENGER OUTFIT

Fast twin-city express of the Milwaukee Railroad. Outfit consists of:

- 1-No. 250 Scale model, die-cast, streamlined, steam type locomotive
- 1-No. 250WX Oil tender with built-in, electric, REMOTE CONTROL RAILROAD WHISTLE.
- 1-No. 782 ILLUMINATED Pullman cor. Enamel finish. 16 $\frac{1}{2}$ inches long.
- 1-No. 783 ILLUMINATED coach. Enamel finish. 13 $\frac{3}{4}$ inches long.
- 1-No. 784 ILLUMINATED observation car. Enamel finish. 15 $\frac{1}{2}$ inches long.
- 16-Sections of No. 761 Curved track. 4-Sections of No. 762 Straight track.
- 1-No. 167 Whistling controller. 1-UTC Lockon.

Train is 67 $\frac{1}{2}$ inches long. Track supplied with outfit forms an oval measuring 103 $\frac{1}{4}$ inches by 74 $\frac{1}{4}$ inches. Price \$32.50



LIONEL

O-72

GALVESTON

OUTFIT No. 749W

\$52.50

BUILT-IN WHISTLE

OUTFIT No. 749W

\$52.50

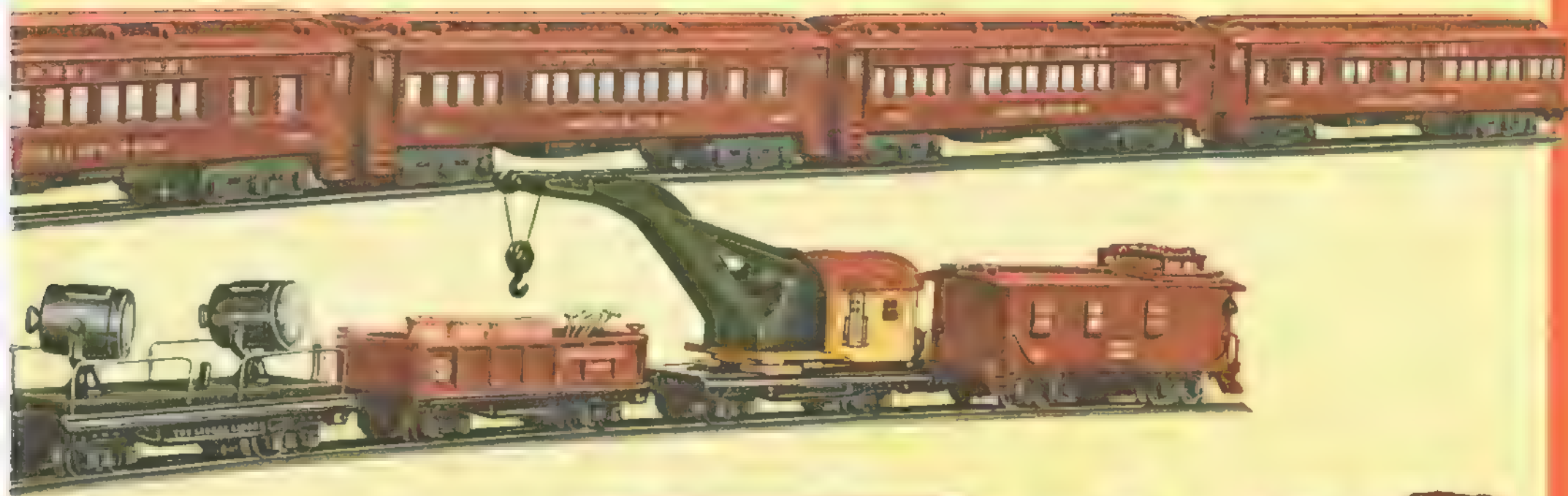
BUILT-IN WHISTLE

OUTFIT No. 787W

\$50.00

BUILT-IN WHISTLE

One, two, three, or any number of cars can be uncoupled from the rest of the train at the touch of a button by electric remote control.



No. 748W "O-72" GAUGE PASSENGER OUTFIT

★ **SPECIAL FEATURES:** Authentic, quarter-inch, SCALE MODEL worm-driven locomotive. Built-in, electric, REMOTE CONTROL WHISTLE. Cars are realistic replica models. ELECTRO-MAGNETIC COUPLERS. Outfit consists of:

1-No. 763 Scale model, die-cast, worm-driven Hudson locomotive.
1-No. 2226WX Coal tender with BUILT IN RAILROAD WHISTLE.
3-No. 2623 SCALE PROPORTIONED coaches. 14¼ inches long.
1-No. 2624 SCALE PROPORTIONED observation car. 14¼ inches long.
16-Sections No. 761 Curved track. 4-Sections No. 762 Straight track.
1-RCS and 1 OS Track. 1-UTC Lockon. 1-No. 167 Whistle controller.
Train is 80 inches long. Track supplied with outfit forms an oval measuring 113¾ inches by 74¼ inches. Price \$52.50

No. 749W "O-72" GAUGE FREIGHT OUTFIT

★ **SPECIAL FEATURES:** Authentic, quarter-inch, SCALE MODEL worm-driven locomotive. Built-in, electric, REMOTE CONTROL WHISTLE. Adjustable floodlight car. Operating crane car. ELECTRO-MAGNETIC COUPLERS. Outfit consists of:

1-No. 763 Scale model, die-cast, worm-driven Hudson locomotive.
1-No. 2226W Coal tender with BUILT IN RAILROAD WHISTLE.
1-No. 2820 Floodlight car. Adjustable lights 8¾ inches long.
1-No. 2812 Gondola car with tool chest. 8¾ inches long.
1-No. 2810 Crane car. Manually operated. 10 inches long.
1-No. 2957X Illuminated, scale model caboose. 9 inches long.
16-Sections No. 761 Curved track. 2-Sections No. 762 Straight track.
1-Section OS Track. 1-RCS Track set. 1-UTC Lockon.
1-No. 167 Whistle and reversing controller.

Train is 62½ inches long. Track supplied with outfit forms an oval 98¾ inches by 74¼ inches. Price \$52.50

No. 787W "O-72" GAUGE FREIGHT OUTFIT

★ **SPECIAL FEATURES:** Authentic, quarter-inch, SCALE MODEL worm-driven locomotive. Built-in, electric, REMOTE CONTROL WHISTLE. Freight cars are fully detailed, accurate "O" Gauge scale models with ELECTRO-MAGNETIC COUPLERS. Outfit consists of:

1-No. 763 Scale model, die-cast, worm-driven Hudson locomotive.
1-No. 2226WX Coal tender with BUILT IN RAILROAD WHISTLE.
1-No. 2956 Scale model hopper car. 10½ inches long.
1-No. 2954 Scale model box car. 10¾ inches long.
1-No. 2955 Scale model oil tank car. 9¼ inches long.
1-No. 2957 Illuminated, scale model caboose. 9 inches long.
16-Sections No. 761 Curved track. 2-Sections No. 762 Straight track.
1-Section OS Track. 1-RCS Track set. 1-UTC Lockon.
1-No. 167 Whistle and reversing controller.

Train is 58 inches long. Track supplied with outfit forms an oval 99¾ inches by 74¼ inches. Price \$50.00

LIONEL
O-72
GAUGE

OUTFIT No. 709W

\$87.50

BUILT-IN WHISTLE

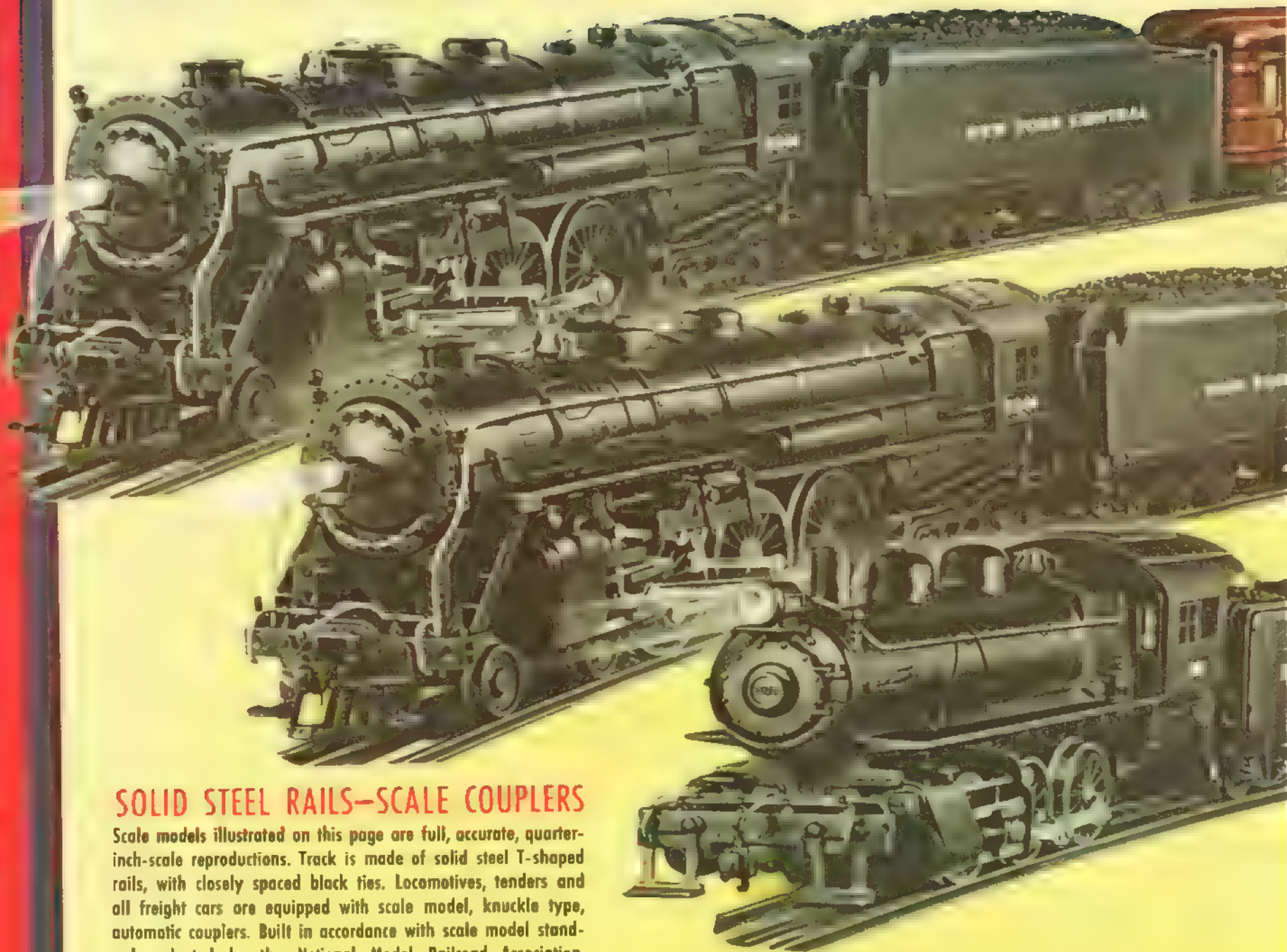
OUTFIT No. 707W

\$97.50

BUILT-IN WHISTLE

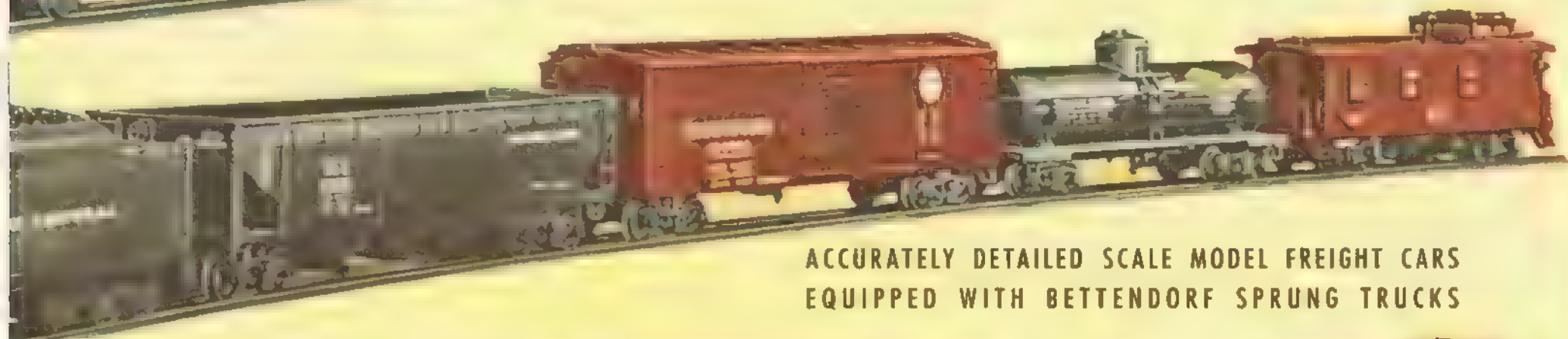
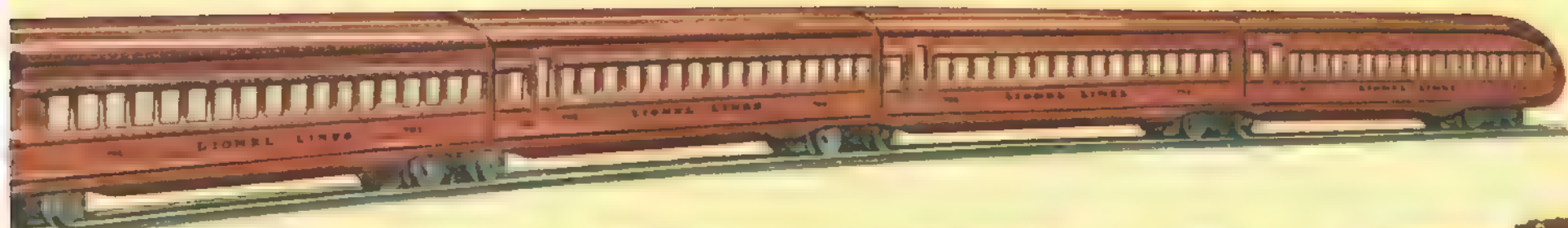
OUTFIT No. 705

\$70.00

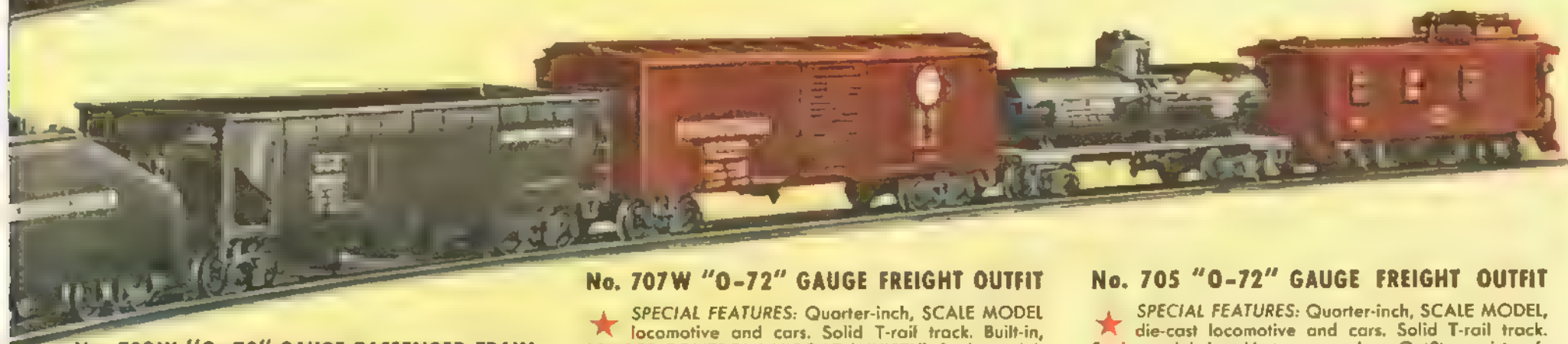


SOLID STEEL RAILS—SCALE COUPLERS

Scale models illustrated on this page are full, accurate, quarter-inch-scale reproductions. Track is made of solid steel T-shaped rails, with closely spaced black ties. Locomotives, tenders and all freight cars are equipped with scale model, knuckle type, automatic couplers. Built in accordance with scale model standards adapted by the National Model Railroad Association.



ACCURATELY DETAILED SCALE MODEL FREIGHT CARS
EQUIPPED WITH BETTENDORF SPRUNG TRUCKS



No. 709W "O-72" GAUGE PASSENGER TRAIN

★ **SPECIAL FEATURES:** SCALE MODEL. Built-in WHISTLE. T-rail track. Outfit consists of:

1 No. 700 Scale model Hudson locomotive; 1 No. 700W Tender with BUILT-IN WHISTLE; 1 No. 792 ILLUMINATED baggage car and coach, 16½ inches long; 2 No. 793 ILLUMINATED passenger coaches, 15½ inches long; 1 No. 794 ILLUMINATED observation car, 16 Sections No. 771 Solid rail curved track, 4 Sections No. 772 Solid rail straight track; 1 UTC Lockon; 1 No. 167 Controller.

Train is 84 inches long. Track supplied with outfit forms an oval 74¼ inches by 103⅞ inches. Price \$87.50

No. 707W "O-72" GAUGE FREIGHT OUTFIT

★ **SPECIAL FEATURES:** Quarter-inch, SCALE MODEL locomotive and cars. Solid T-rail track. Built-in, REMOTE CONTROL RAILROAD WHISTLE. Scale model, knuckle-type couplers. Outfit consists of:

1-No. 700 Scale model, die cast, worm-driven Hudson locomotive.
1-No. 700W Coal tender with BUILT-IN RAILROAD WHISTLE.
1-No. 716 Scale model hopper car. 10½ inches long.
1-No. 714 Scale model box car. 10½ inches long.
1-No. 715 Scale model oil car. 9 inches long.
1-No. 717 Scale model caboose. 8¾ inches long.
16 Sections No. 771 Curved track 4-Sections No. 772 Straight track.
1-No. 167 Whistle and reversing controller 1-UTC Lockon.

Train is 66½ inches long. Track supplied with outfit forms an oval 74¼ inches by 103⅞ inches. Price \$97.50

No. 705 "O-72" GAUGE FREIGHT OUTFIT

★ **SPECIAL FEATURES:** Quarter-inch, SCALE MODEL, die-cast locomotive and cars. Solid T-rail track. Scale model, knuckle-type couplers. Outfit consists of:

1-No. 701 Scale model Pennsylvania B6 switching engine.
1-No. 701T Coal tender with back-up headlight and pilot lights.
1-No. 716 Scale model hopper car. 10½ inches long.
1-No. 714 Scale model box car. 10½ inches long.
1-No. 715 Scale model oil car. 9 inches long.
1-No. 717 Scale model caboose. 8¾ inches long.
16-Sections of No. 771 Curved track.
4-Sections of No. 772 Straight track.
1-UTC Lockon. 1-No. 88 Reversing controller.

Train is 58½ inches long. Track supplied with outfit forms an oval 74¼ inches by 103⅞ inches. Price \$70.00

LIONEL
★ OO ★
GAUGE

OUTFIT No. 0080

\$35.00

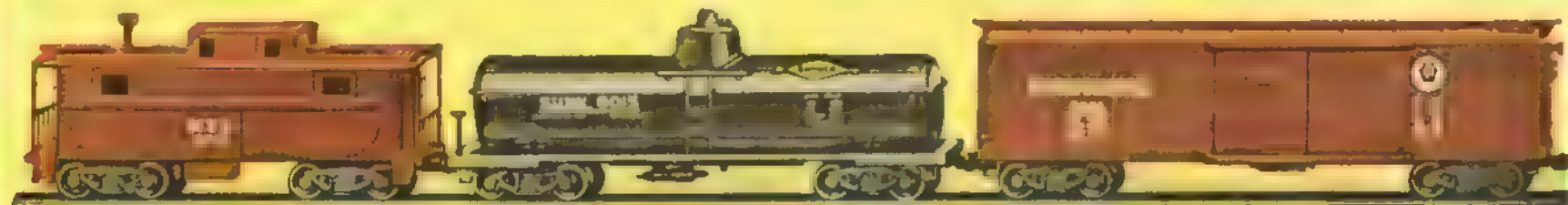
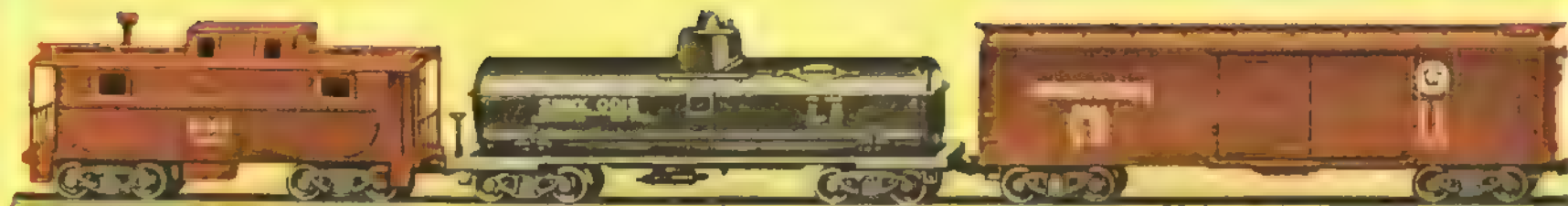
No. 0090 \$37.50

Built-in Whistle
\$4.75 Extra

OUTFIT No. 0082

\$27.50

No. 0092 \$30.00



THE GEMS OF SCALE MODEL RAILROADING CRAFTSMANSHIP

★ LIONEL "OO" GAUGE TRAINS are made for men and boys who have a limited amount of space available but want to build a model railroad system that is extensive and elaborate. This is possible with Lionel "OO" gauge equipment because these trains are about half the size of "O" gauge and, in the same given area, it is possible to construct a railroad three times as extensive.

"OO" models are built to a scale of 5 32-inch to the foot, about one-seventy-sixth as large as real railroad equipment.

"OO" gauge track measures 3/4-inch between running rails.

Lionel "OO" gauge locomotives are powered by a worm gear drive. Engine, tender and cars are equipped with automatic, scale model couplers. Built to standards of the National Model Railroad Association.

Lionel "OO" gauge equipment is made for operation on realistic track containing two rails as well as on track containing three rails. Two-rail curved track forms a circle 48 inches in diameter; three-rail track a 27-inch circle.



"OO" GAUGE LOCOMOTIVE-TENDER OUTFITS

What the great Lionel 700EW scale model Hudson is to "O" gauge, this tiny locomotive is to "OO"—the most complete and accurate engine of its kind.

Cab and boiler are a one-piece casting containing infinite detail. Tender frame and tender trucks, pilot

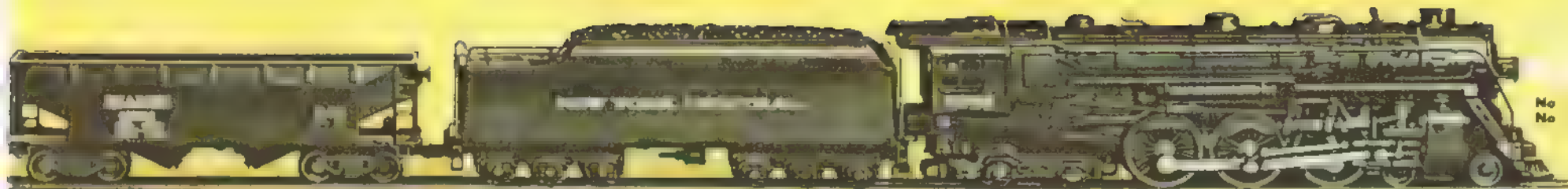
trucks, trailing trucks and steam chests are also die castings produced by hardened steel dies.

Built into the tender, so that the sound appears to be coming from the engine, is the famous Lionel whistle. No. 0091W—Locomotive and Tender Outfit for 2-rail track. Equipped with built-in whistle and complete with No. 167X Whistle Controller. Price \$34.75

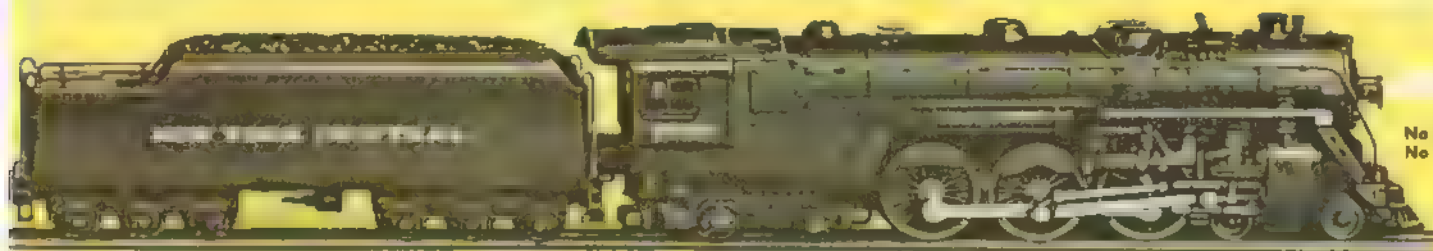
No. 0091—Similar to No. 0091W but without whistle equipment. Price \$30.00

No. 0081W—Locomotive and Tender Outfit for 3-rail track. Equipped with whistle and complete with No. 167X Whistle Controller. Price \$32.25

No. 0081—Similar to No. 0081W but without whistle equipment. Price \$27.50



No 0090 - No 0090W
No 0080 - No. 0080W



No 0092 - No 0092W
No 0082 - No 0082W

SUPER-DETAILED "OO" OUTFITS WITH 4 CARS

EQUIPPED WITH REALISTIC 2-RAIL TRACK

Outfit No 0090W - BUILT IN WHISTLE. Outfit consists of No 003 Locomotive, No. 003W Tender, No. 0044 Box car, No. 0045 Oil car, No. 0046 Hopper car, No. 0047 Caboose, eleven No. 0031 Curved track, No. 0034 Connection track, No. 167X Controller. Train is 41" long. Track circle, 50" in diameter. Price \$42.25

Outfit No. 0090 - Similar, but without Built-in Whistle. Price \$37.50

EQUIPPED WITH SPACE-SAVING 3-RAIL TRACK

Outfit No 0080W - BUILT IN WHISTLE. Outfit consists of No 001 Locomotive, No. 001W Tender, No. 0014 Box car, No. 0015 Oil car, No. 0016 Hopper car, No. 0017 Caboose, eleven No. 0051 Curved track, four No. 0052 Straight track, No. 0054 Connection track, No. 167X Controller. Train is 41" long. Track oval, 41 by 27". Price \$39.75

Outfit No. 0080 - Similar, but without Built in Whistle. Price \$35.00

MODIFIED "OO" GAUGE OUTFITS WITH 3 CARS

EQUIPPED WITH REALISTIC 2-RAIL TRACK

Outfit No. 0092W - BUILT IN WHISTLE. Outfit consists of No. 004 Locomotive, No. 004W Tender, No. 0074 Box car, No. 0075 Oil Tank car, No. 0077 Caboose, eleven No. 0031 Curved track, one No. 0034 Connection track and No. 167X Whistle Controller. Train is 35 inches long. Track forms a circle 50 inches in diameter. Price \$34.75

Outfit No 0092 - Similar, but without Built-in Whistle. Price \$30.00

EQUIPPED WITH SPACE-SAVING 3-RAIL TRACK

Outfit No. 0082W - BUILT IN WHISTLE. Outfit consists of No. 002 Locomotive, No. 002W Tender, No. 0024 Box car, No. 0025 Oil Tank car, No. 0027 Caboose, eleven No. 0051 Curved track, four No. 0052 Straight track and No. 0054 Connection track, forming oval 27 by 41 inches. Also included is No. 167X Whistle Controller. Price \$32.25

Outfit No 0082 - Similar, but without Built in Whistle. Price \$27.50



No 0045K Oil Tank Car Kit. Includes parts and paint. Easily assembled. For 2 or 3 rail track. Price \$2.75
No 0015 Tank car. For 3-rail track. Assembled and ready to roll. 5 1/2" long. Price \$3.00
No 0045 Tank car. For 2 rail track. Assembled and ready to roll. 5 1/2" long. Price \$3.00



No 0044K Box Car Kit. Includes parts and paint. Easily assembled. For 2 or 3 rail track. Price \$2.75
No 0014 Box car. For 3-rail track. Assembled and ready to roll. 6 1/2" long. Price \$3.00
No 0044 Box car. For 2 rail track. Assembled and ready to roll. 6 1/2" long. Price \$3.00



No 0046K Hopper Car Kit. Includes parts and paint. Easily assembled. For 2 or 3 rail track. Price \$2.75
No 0016 Hopper car. For 3-rail track. Assembled and ready to roll. 5 1/2" long. Price \$3.00
No 0046 Hopper car. For 2 rail track. Assembled and ready to roll. 5 1/2" long. Price \$3.00



No 0047K Caboose Kit. Includes parts and paint. Easily assembled. For 2 or 3-rail track. Price \$2.75
No 0017 Caboose. For 3-rail track. Assembled and ready to roll. 4 1/2" long. Price \$3.00
No. 0047 Caboose. For 2-rail track. Assembled and ready to roll. 4 1/2" long. Price \$3.00

More than a Transformer...

LIONEL *TRAINmaster*

the 5-in-1 *Central Control Station!*

Built-in, automatic, thermostatic circuit breaker protects transformer by immediately shutting off current in the event of a short circuit in the track layout.

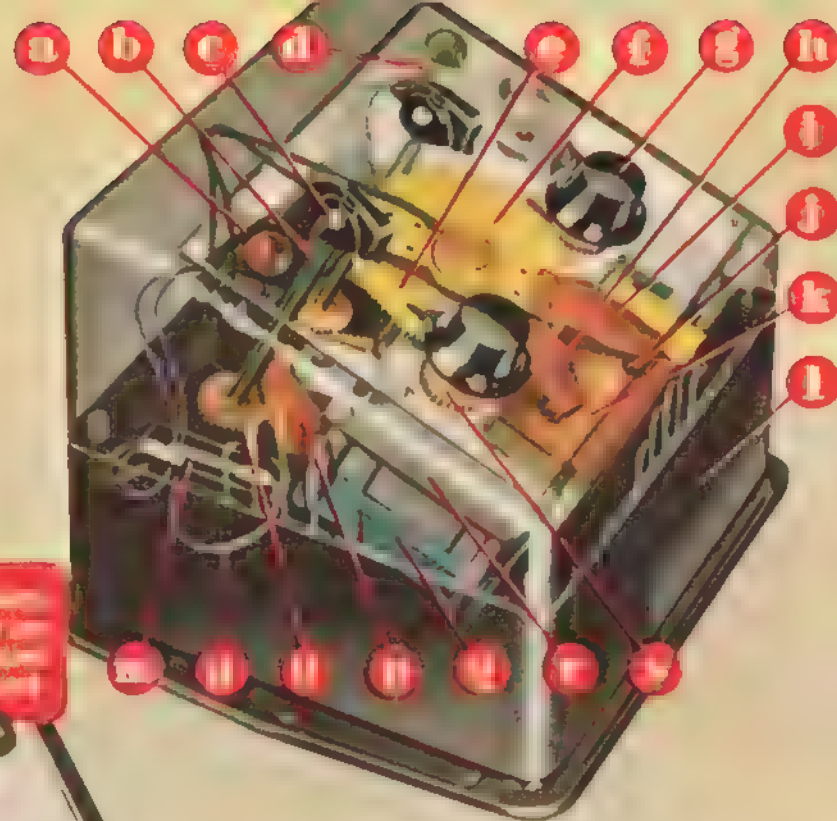
Lionel Trainmasters are capable of delivering a maximum of 25 volts! Only transformers capable of delivering such voltage are adequate for the successful operation of Lionel Trains with numerous accessories! No transformer is "safer" to operate than a Trainmaster! Types Q, W and R are listed as standard by Underwriters' Laboratories.

Any Trainmaster is capable of operating any Lionel Train in this catalog with standard equipment. Extensions of track and additions of accessories, however, absorb wattage. It is therefore wise to purchase a much larger transformer than that immediately required, in order to provide for future development of the model road.

CONTROLS



Lionel Trainmasters are designed for safety, convenience, and efficiency. They are built to last and are a must-have for any Lionel train enthusiast. The controls are simple to use and allow for a wide range of train operation.



LIONEL TRAINMASTERS ARE PRECISION-BUILT

Because it is impossible to determine the worth of a transformer from a picture of its case, we present this "phantom" to illustrate the internal construction of the Trainmaster. At point A is the red, transparent plastic cap covering a lamp which is illuminated to indicate the existence of a short circuit in the track layout. B points to one of the two long steel shafts used for accessory controls. C points to one of the two accessory control knobs which are moulded plastic and held on shafts by a patented spring retainer. D indicates the power on lamp and its green, plastic cap. E is the lower gear sector which is actuated by control knob No. 3. F is the upper gear sector which is actuated by control knob No. 4. G points to the knob itself, a modern plastic design. H is the lower and I the upper contact brackets, made of bronze. J points to the metal graphite contact rollers. K indicates an edgewise-wound, copper ribbon on bakelite core. L points to the case itself, an air-cooled, high strength bakelite moulding.

One of the most important features of the Lionel Trainmaster is its built-in, automatic circuit breaker. The Lionel circuit breaker is thermostatic—an improvement over ordinary types. This compact device is shown at the letter M. N points to a glass insulated lamp resistor. Letters O and P point to bakelite impregnated fabric gears. Q indicates the silicon steel lamination stack. R is the die cast bridge which supports the top contacts. Not designated by a letter and better shown in the picture at left is the chromium nameplate with dials which show the voltage being used and approximate train speeds.

First time ever! Direction control! With a Trainmaster you have absolute control over train direction. You can stop your express and then start it again in a forward direction by turning the speed dial of the transformer—without even touching the train reverse button.



TRANSFORMER	TYPE "Z"	TYPE "V"	TYPE "R"	TYPE "Q"	TYPE "W"
Capacity	250 Watts	150 Watts	100 Watts	75 Watts	75 Watts
Appropriate for Use With the Following Outfits	140W, 251B, 261W, 267W, 291W, 293W, 831W, 838W, 839W, 841W, 843W, 845W, 846W, 847W, 859B, 863B, 865B, 869W, 873W, 890W, 705, 707W, 709W, 748W, 749W, 755W, 758W, 787W, "OO" outfits.	140W, 251B, 261W, 267W, 291W, 293W, 831W, 838W, 839W, 841W, 843W, 845W, 846W, 847W, 859B, 863B, 865B, 869W, 873W, 890W, 705, 707W, 709W, 748W, 749W, 755W, 758W, 787W, "OO" outfits.	140W, 251B, 261W, 267W, 291W, 293W, 831W, 838W, 839W, 841W, 843W, 845W, 846W, 847W, 859B, 863B, 865B, 869W, 873W, 890W, 705, 707W, 709W, 748W, 749W, 755W, 758W, 787W, "OO" outfits.	140W, 267W, 838W, 839W, 841W, 843W, 845W, 859B, 865B, 0080W, 0082W, 0090W, 0092W.	140W, 267W, 838W, 839W, 841W, 843W, 845W, 859B, 865B, 0080W, 0082W, 0090W, 0092W.
Range of Voltage	0 to 25 Volts	0 to 25 Volts	6 to 24 Volts	6 to 16 or 14 to 24 Volts	0 to 24 Volts
Price	\$14.50	\$11.95	\$8.95	\$5.95	\$3.75

DIRECT CURRENT INVERTERS AND TRAIN CONTROLS



No. 171 DIRECT CURRENT INVERTER
Converts direct current of 115 volts to alternating current of low voltage. No transformer, reducer or circuit-breaker required. This device provides for even the largest train outfits, automatic accessories, Lionel whistle, and equipment, requiring considerable current. Built-in circuit-breaker cuts off current if "short" exists in layout. Input 115 volts, D.C., 1 ampere. Output 150 watts, A.C. at 30 volts maximum, 60 cycles. Size 7 1/4 inches square. Price \$17.50.
No. 172—Direct Current Inverter for 2.0 Volt Input Price \$20.00



No. 95 CONTROLLING RHEOSTAT
Provides delicate control of the speed of train by increasing or decreasing current from transformer. If your locomotive is equipped for remote control, button will reverse train. 4 1/2 inches long. Price \$2.75.



No. 925 TRAIN LUBRICANT
Developed after years of tests. Assures efficient operation and increases life of all working parts. Two-ounce nozzle-lube. \$25.

No. 88 CONTROLLER
Used to reverse locomotives by remote control. \$1.00
No. 169—Has two buttons for switching engine having Tiedyne couplers. \$2.50



No. 91 AUTOMATIC CIRCUIT BREAKER

Protects transformer and whistle controller against burn-outs by shutting off current and illuminating red lamp in event of a short circuit. 2 1/4 inches square, 4 inches high. \$3.50



No. 41 CONTACTOR
Applied to any track (except "OO") for operation of automatic accessories. Weight of train closes contacts. Price \$1.00

No. 155C—Similar to No. 41 but with track clamp for any track except "OO". \$1.00



No. 159 BLOCK CONTROL
Enables railroader to operate two trains on one track. Set consists of Special contactor, Lockon, and two fibre pins. Easily installed in layout. Price \$1.50



WHISTLE EQUIPMENT

Whistle equipment may be added to any train of any make by the addition of a whistle tender and controller. Whistle tender outfits include a Whistle Controller. Tenders except the streamline type have electric couplers at the car end. No. 2224TW, \$11.00; No. 2225TW, \$7.50; No. 2226TW, \$12.00; No. 2229TW, \$9.00; No. 2235TW, \$11.00; No. 2245TW, \$11.00; No. 2250TW, \$10.75; No. 2263TW, \$10.75; No. 2666TW, \$9.00; No. 700TW, \$19.50; No. 001TW, \$10.00; No. 003TW, \$11.00.

No. 167 WHISTLE CONTROLLER

Controller is equipped with two buttons. One button is used to sound the whistle in whistle equipped trains. The other is used to stop and reverse the train. Price \$3.50.
No. 167X—Whistle Controller is required for OO gauge trains. Price \$3.50



No. 48W STATIONARY WHISTLE

Suitable for 25-cycle current where built-in whistle cannot be used. Adds whistle to your railroad at a minimum cost. Whistle built inside station measuring 3 1/2 ins. by 3 1/2 ins. 3 1/2 ins. high. Not suitable for outfits using No. 1039 and 1041 transformers. Price \$3.50



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O-27 SERIES

Lionel "O-27" cars are built of steel, realistically lettered and finished in bright colors. Freight cars are 9 1/4 inches long. Passenger cars are 12 inches long.



No. 2641 Observation - Interior illumination. Enamel finish 12 inches long. Electric coupler. Price \$3.25



No. 2640 Pullman Car - Interior illumination. Enamel finish 12 inches long. Electric couplers. Price \$3.00



No. 2677 Gondola - Electric couplers. 9 1/4" long. \$1.50
No. 1677 - Same but without electric couplers. Price \$1.00



No. 2679 Box Car - Electric couplers. 9 1/4" long. \$1.50
No. 1679 - Same but without electric couplers. Price \$1.00



No. 2680 Oil Car - Electric couplers. 9 1/4" long. \$1.50
No. 1680 - Same but without electric couplers. Price \$1.00



No. 2682 Caboose - Electric couplers. 9 1/4" long. \$1.50
No. 1682 - Same but without electric couplers. Price \$1.00



No. 1049X
"O-27" Freight Car Set

Outfit consists of one No. 2679 Box car and one No. 2680 Oil Tank car, both with electric couplers. For use with No. 1019 track. An excellent addition for a freight train outfit. Price \$7.75



No. 1048X "O-27" Passenger Set - Outfit consists of two No. 2630 Pullmans, No. 2631 Observation, with electric couplers. Price \$7.25

2650 SERIES

FOR "O-27" AND "O" GAUGE TRACK

No. 2651 Lumber Car - Equipped with electric couplers and load of logs. Car is 6 1/4 inches long. Price \$2.50
No. 651 - Same as No. 2651, but without electric couplers. \$1.50

No. 2652 Gondola - Equipped with electric couplers. Barrels are included. Car is 6 1/4 inches long. Price \$2.50
No. 652 - Same as No. 2652, but without electric couplers. \$1.50

No. 2654 Tank Car - Equipped with electric couplers. Realistic lettering. Car is 6 1/4 inches long. Price \$2.75
No. 654 - Same as No. 2654, but without electric couplers. \$1.75

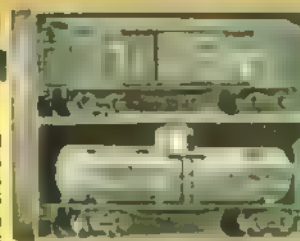
No. 2655 Box Car - Equipped with electric couplers. Doors slide open. Car is 6 1/4 inches long. Price \$2.75
No. 655 - Same as No. 2655, but without electric couplers. \$1.75

No. 2656 Cattle Car - Equipped with electric couplers. A door on each side can be slid open for loading. Car is made of steel, deeply embossed. 6 1/4 inches long. Price \$2.75

No. 2657 Caboose - Equipped with one electric coupler. Realistic lettering. Car is 6 1/4 inches long. Price \$2.75
No. 657 - Same as No. 2657, but without electric coupler. \$1.85

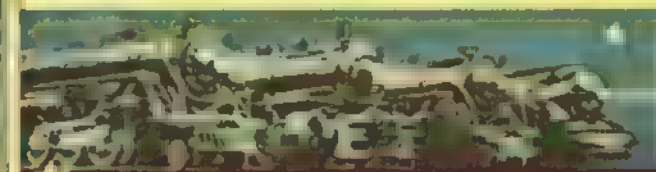
No. 2659 Dump Car - Equipped with electric couplers. Body can be tilted. Car is 6 1/4 inches long. Price \$2.75
No. 659 - Same as No. 2659, but without electric couplers. \$1.75

No. 2640 Pullman - Interior illumination. Electric couplers. 12 inches long. \$3.00
No. 2641 Observation Car - Similar to No. 2640. Electric coupler. Price \$3.25

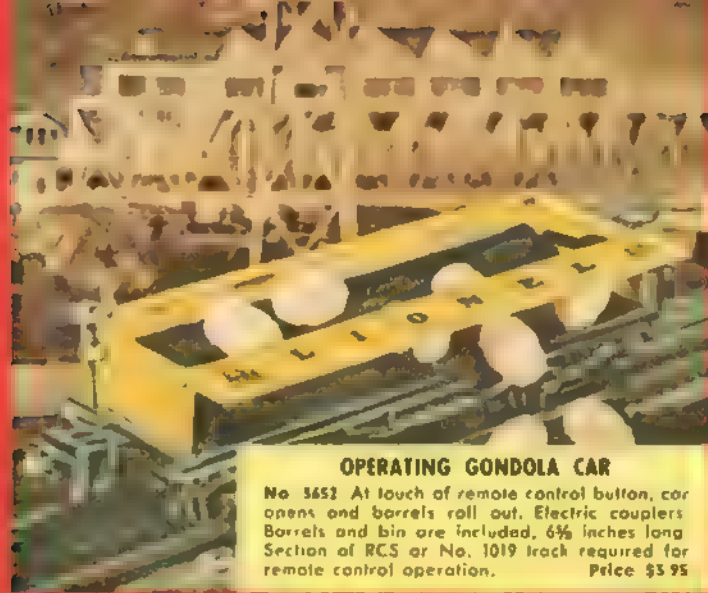


No. 801X
Freight Car Set

An attractive Christmas gift for any boy owning an electric train. Consists of No. 2755 Oil Tank car, and No. 2758 Automobile car, both with electric couplers. Price \$7.25



Cars on Pages 40 and 41 are for Tenders 1689T, 1689W, O 1689W, 2201T, 2201B, 2203T, 2203B, 2224T, 2224W, 2225T, 2225W, 2225TX, 2225WX, 2226TX, 2226WX, 2227T, 2227B, 2230T, 2230B, 2232T, 2232B, 2235T, 2235W, 2664T, 2664W, O-2666W, 2689T, 2689W, 2689TX, 2689WX, O 2689WX, O 2689W.



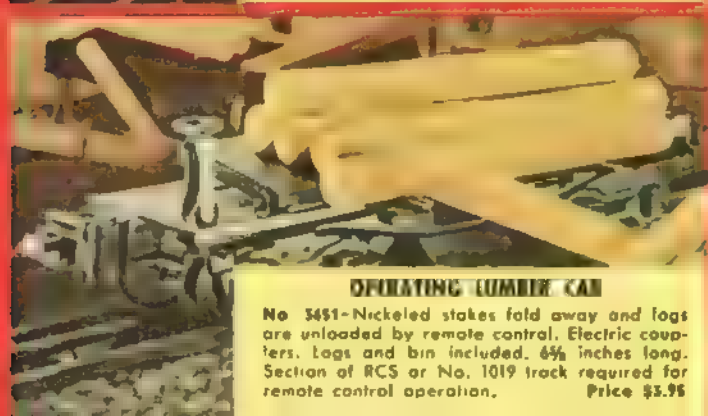
OPERATING GONDOLA CAR

No. 3652 At touch of remote control button, car opens and barrels roll out. Electric couplers. Barrels and bin are included. 6 1/2 inches long. Section of RCS or No. 1019 track required for remote control operation. Price \$3.95



OPERATING DUMP CAR

No. 3659 By remote control, car can be tilted to unload coal alongside track. Artificial coal and unloading bin included. Electric couplers. 6 1/2 inches long. RCS or No. 1019 track required for remote control operation. Price \$3.95



OPERATING LUMBER CAR

No. 3451 Nicked stakes fold away and logs are unloaded by remote control. Electric couplers. Logs and bin included. 6 1/2 inches long. Section of RCS or No. 1019 track required for remote control operation. Price \$3.95

SCALE-DETAILED CARS



No. 2623 Scale detailed passenger car. Long, low slung and most realistic passenger car Lionel has ever manufactured. Electric couplers, interior illumination and six wheel trucks. 14 1/4 inches long. Price \$7.50

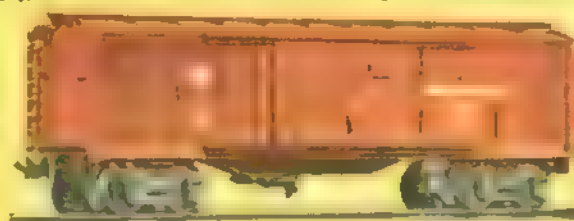
No. 2624 Observation car. Similar in detail to No. 2623. Price \$7.50



No. 2757 Illuminated caboose reproduced with all details from blueprints furnished by the Pennsylvania Railroad. Accurate lettering. Electric couplers. 7 1/2 inches long. Price \$4.00



No. 2755 "Sunoco" oil tank car. Aluminum finish. Accurately proportioned. Realistically detailed. Emblem and lettering are true to scale. Electric couplers. Applied hand rails. Route card holders. 9 1/2 inches long. Price \$4.00



No. 2758 Automobile car. Details, color and Pennsylvania Railroad lettering are accurate and true to scale. Double sliding doors on each side permit actual loading of car. Electric couplers. 9 inches long. Price \$4.00

These cars can be used on regular 30-inch-diameter "O" gauge track. Add them to your present outfit, for greater realism.



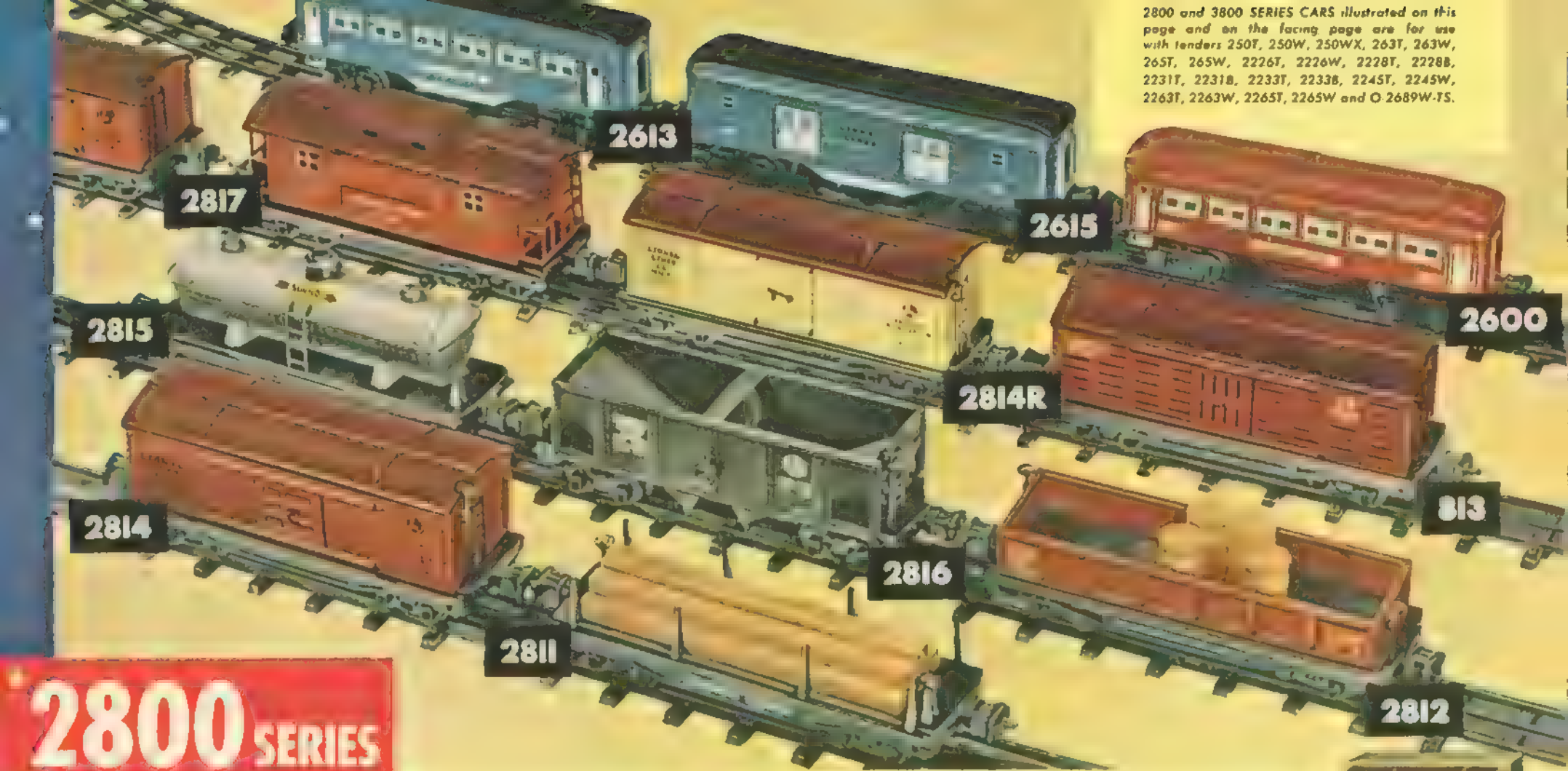
SEARCHLIGHT CAR

No. 2629 One of the most popular cars in miniature railroading. Equipped with electric couplers. Bucket type searchlight has a polished reflector and may be swung from side to side and up or down to shine a powerful beam of light in any direction. 6 1/2 inches long. Price \$3.75

WORK CRANE CAR

No. 2648 Most important of all maintenance cars. Equipped with electric couplers. Boom is raised or lowered by means of wheel on end of cab. Tackle controlled by wheel at side of cab. Cab can be turned from side to side. Can lift heavy weights. Car measures 6 1/2 inches in length. Price \$4.50

2800 and 3800 SERIES CARS illustrated on this page and on the facing page are for use with tenders 250T, 250W, 250WX, 263T, 263W, 265T, 265W, 2226T, 2226W, 2228T, 2228B, 2231T, 2231B, 2233T, 2233B, 2245T, 2245W, 2263T, 2263W, 2265T, 2265W and O-2689W-TS.



2800 SERIES

FOR USE ON "O" GAUGE TRACK

No. 2811 Lumber Car—Car is made of pressed steel. Eight nickel posts hold a load of miniature lumber. Equipped with electric couplers. Car is deeply embossed with accurate details. Measures $8\frac{1}{2}$ inches in length. Price \$3.50

No. 2812 Gondola Car—Equipped with electric couplers. With each car four barrels are included. Car is $8\frac{1}{2}$ inches long. Price \$3.50

No. 812—Same as No. 2812, but without electric couplers. Price \$2.50

No. 2815 Oil Tank Car—Equipped with electric couplers. Realistic lettering. Sturdy hand rail. Car is $8\frac{1}{2}$ inches long. Price \$3.75

No. 815—Same as No. 2815, but without electric couplers. Price \$2.75

No. 2816 Coal Car—Equipped with electric couplers. Wheel can be turned to open hopper bottoms. $8\frac{1}{2}$ inches long. Price \$3.75

No. 816—Same as No. 2816, but without electric couplers. Price \$2.75

No. 813 Cattle Car—The two doors of the car slide open and shut in a grooved runway. Car is made of pressed steel with ventilation slots, is embossed deeply and finished in bright enamel. Car measures $8\frac{1}{2}$ inches in length. Price \$2.75

No. 2817 Caboose—Equipped with electric couplers. Raised cupola. Real railroad color scheme. Car is $8\frac{1}{2}$ inches long. Price \$3.75

No. 817—Same as No. 2817, but without electric couplers. Price \$2.75

No. 2814 Box Car—Equipped with electric couplers. Doors slide open on grooved runways. Car is $8\frac{1}{2}$ inches long. Price \$3.75

No. 814—Same as No. 2814, but without electric couplers. Price \$2.75

No. 2600 Illuminated Pullman—Electric couplers. $9\frac{1}{2}$ inches long. Price \$5.25. **No. 600**—Similar, but without electric couplers. Price \$3.50

No. 2601 Observation Car, \$3.50. **No. 601**, \$2.75. **No. 2602 Baggage Car**, \$3.75. **No. 602**, \$3.00

No. 2814R Refrigerator—Equipped with electric couplers. Ringed doors. Realistic lettering. Car is $8\frac{1}{2}$ inches long. Price \$3.75

No. 814R—Same as No. 2814R, but without electric couplers. Price \$2.75

No. 2615 Illuminated Pullman—Electric couplers, $10\frac{1}{2}$ inches long. Price \$4.00. **No. 615**—Similar, but without electric couplers. Price \$3.25

No. 2616 Observation Car, \$4.25. **No. 616**, \$3.50. **No. 2615 Baggage Car**, \$4.25. **No. 615**, \$3.50



FREIGHT CAR SET

An Ideal Gift Package
Consists of No. 2814 Box car, No. 2815 Oil car. Each car is equipped with electric couplers. For use in connection with RCS track. Price \$7.00



ELECTRO-MAGNETIC COUPLERS

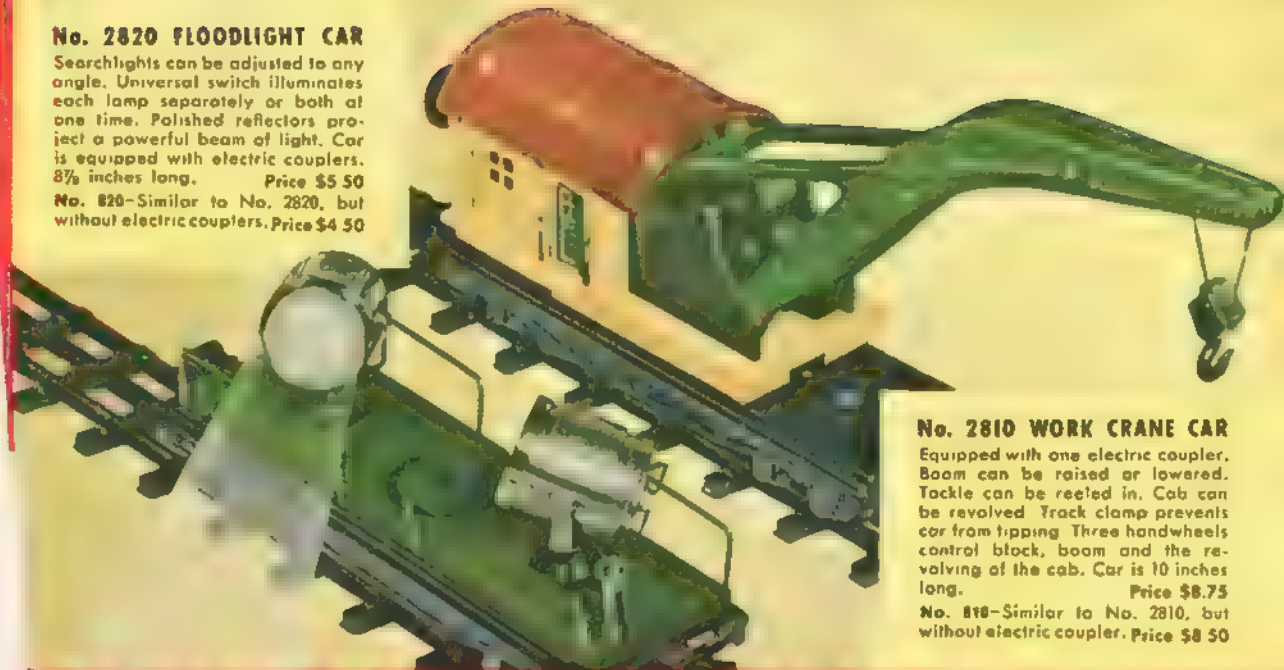
Lionel's electrically operated, remote control couplers represent the greatest engineering triumph in the realm of railroading! At the touch of a remote control button, one, two, three or any number of cars may be uncoupled from the rest of the train. There is no trip in the track or added gadget that makes these couplers work. The electrical actuating device is an integral, self-contained part of the car truck. Cars are coupled close together. Couplers are not ugly, projecting hooks but are realistic in appearance and in action.

No. 2820 FLOODLIGHT CAR

Searchlights can be adjusted to any angle. Universal switch illuminates each lamp separately or both at one time. Polished reflectors project a powerful beam of light. Car is equipped with electric couplers. 8 7/8 inches long.

Price \$5 50

No. 820-Similar to No. 2820, but without electric couplers. Price \$4 50



No. 2810 WORK CRANE CAR

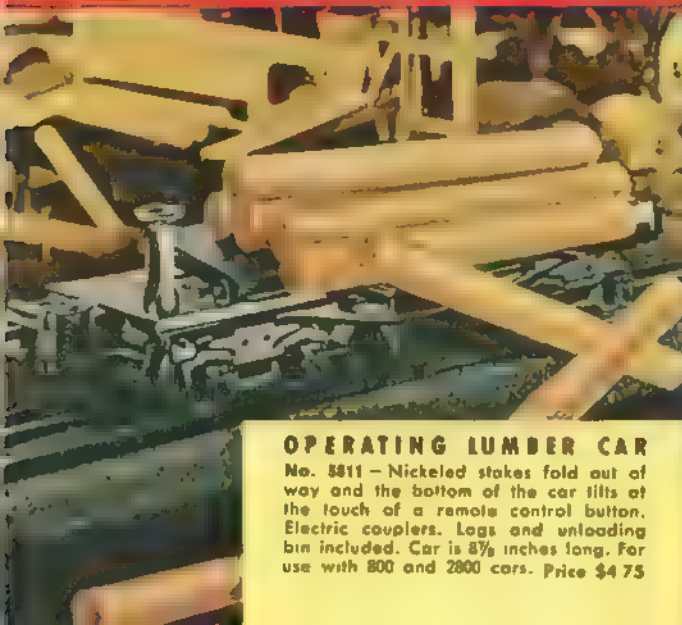
Equipped with one electric coupler. Boom can be raised or lowered. Tackle can be reeled in. Cab can be revolved. Track clamp prevents car from tipping. Three handwheels control block, boom and the revolving of the cab. Car is 10 inches long.

Price \$8 75

No. 810-Similar to No. 2810, but without electric coupler. Price \$8 50

FREIGHT CARS THAT UNLOAD THEMSELVES

Built into these amazing Lionel freight cars is a device which tilts the body of the dump car, opens the door of the box car or raises the floor of the flat car to dump its contents at right angles to the track. Operated electrically—at the touch of remote control button! A sack of coal, a sack of grain, a sack of...



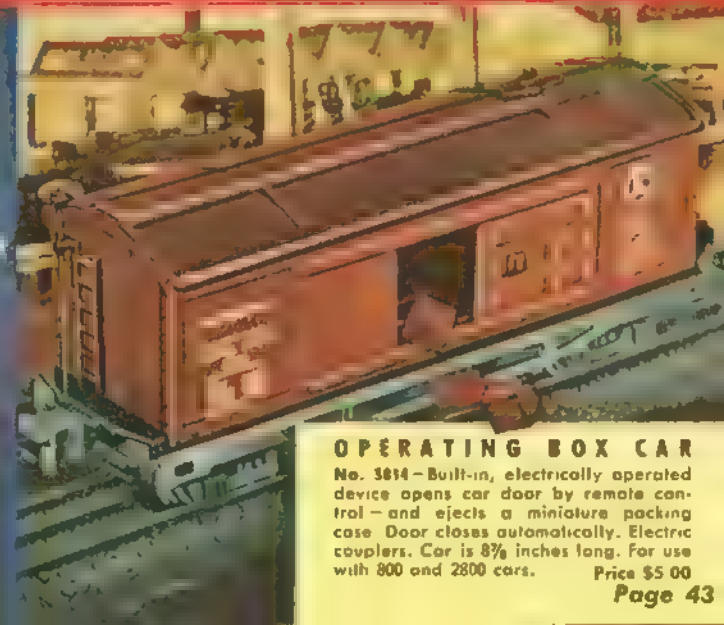
OPERATING LUMBER CAR

No. 8811—Nickel-plated stakes fold out of way and the bottom of the car tilts at the touch of a remote control button. Electric couplers. Logs and unloading bin included. Car is 8 7/8 inches long. For use with 800 and 2800 cars. Price \$4 75



OPERATING DUMP CAR

No. 8859—By remote control, this dump car can be tilted to unload coal into bin alongside track. Sack of coal and unloading bin are included. Equipped with electric couplers. Car is 8 7/8 inches long. For use with 800 and 2800 cars. Price \$5 00



OPERATING BOX CAR

No. 8814—Built-in, electrically operated device opens car door by remote control—and ejects a miniature packing case. Door closes automatically. Electric couplers. Car is 8 7/8 inches long. For use with 800 and 2800 cars. Price \$5 00



SCALE MODEL ROLLING STOCK

SQUINT ONE EYE when you look at the picture above and you will see a group of real railroad cars standing in a real railroad yard. If that's a sight that thrills you, then just wait till you get one of these new Lionel beauties into your hands. If you are a scale model railroader, you are due for the treat of your life for the amazing scale-model perfection of these "O" gauge models is almost unbelievable! Lionel hasn't missed a trick in making them the finest on rails—cars of the 700

series have *self-equalizing sprung trucks* to keep wheels in constant contact with rails—couplers shanks are attached to trucks so that cars will couple automatically on either straight or curved track—materials used are so light in weight that almost any engine can snake a drag of twelve or fifteen of them through a pike filled with curves and grades. All cars are available with scale wheels and couplers (the 700 series) for T-rail track, and with electric couplers (the 2900 series) for regular Lionel tubular track.

DETAILED SPECIFICATIONS

THE CABOOSE weighs just twenty ounces. That's a record. It is a die casting of magnesium alloy, the costly metal that was developed for the aircraft industry. Windows are filled with panes of transparent vinylite. Interior of caboose is illuminated. Three color marker lanterns also transmit light. Twelve handrails are held by inserted, machined stanchions. Body of the car is 8¾ inches long. Both inside and outside 3rd-rail collector shoes are included.

THE HOPPER CAR is an accurate, faithful die-cast zinc alloy reproduction of a 70-ton, quadruple hopper used by the Baltimore and Ohio. The hopper doors are fitted with springs and latches which hold them closed so that car may be loaded. Body of car, 10½ inches long. Weight 1 lb., 10½ ounces.

METAL-SHEATHED BOX CAR combines the use of three materials: non-warping moulded phenolic for the body, die-cast zinc alloy for the frame and stamped steel for incidental parts. The doors contain latches and slide open. The box car was built from Pennsylvania Railroad blueprints for 50-ton, double-sheathed cars. Weight of box car, only 18 ounces. Length of body, 10¾ inches.

THE TANK CAR is an 80,000-pound-capacity model. Unusually light in weight and strengthened by internal reinforcements. The handrails are held in machined stanchions. The ladders are applied parts. Rivets are part of castings. Routing card holders are true to scale. Weight, 22 ounces, 9 inches long.



SCALE CARS—READY TO ROLL

700 SERIES CARS Scale Couplers—Sprung Trucks

Illustrated in Close-up of Tank Car at Right

BUILT TO N.M.R.A. STANDARDS

Complete, Ready to Run

No. 714—Scale Model Box Car.	\$7.50
No. 715—Scale Model Tank Car.	\$7.50
No. 716—Scale Model Hopper Car.	\$7.50
No. 717—Illuminated Caboose.	\$8.75

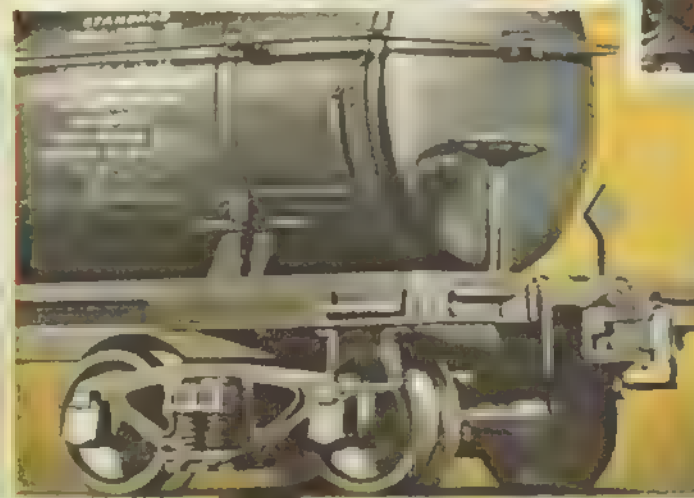
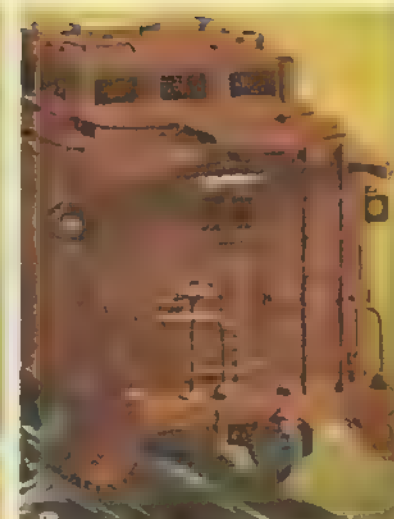
2900 SERIES CARS Electro-Magnetic Couplers

Illustrated in Close-up of Box Car at Lower Right

FOR "O" AND "O-72" TUBULAR TRACK

Complete, Ready to Run

No. 2954—Scale Model Box Car.	\$5.50
No. 2955—Scale Model Tank Car.	\$5.50
No. 2956—Scale Model Hopper Car.	\$5.50
No. 2957—Illuminated Caboose.	\$7.00



KITS—READY TO ASSEMBLE

FINISHED CASTINGS! ASSEMBLED TRUCKS!

It doesn't require a model builder or a scale model expert to assemble a Lionel freight car—anyone can do it in a few spare hours. All castings are finished. There are no burrs to remove, no trimming to be done, no roughness to burnish away. All holes are drilled and lapped where necessary. All machine assemblies are completed. Each car truck, for instance, is one complete, assembled unit, ready to be attached to the car frame by a single screw. The only tools that are required will be found in any household tool chest. Each kit includes point, point brush, and transfers for car letter-

ing. A complete and simple assembly drawing is also a part of every kit. (Kits are not available for 2900 series cars.)

No. 714K—"O" Gauge Scale Model Box Car Kit.	Price \$5.00
No. 715K—"O" Gauge Scale Model Tank Car Kit.	Price \$5.00
No. 716K—"O" Gauge Scale Model Hopper Car Kit.	Price \$5.00
No. 717K—"O" Gauge Scale Model Illuminated Caboose Kit.	Price \$6.50





REMOTE CONTROL SWITCHES



Running rails of Lionel "O-27" track are formed by a turn back flange, making them doubly rigid. All ties are galvanized black. The third rail is insulated from running rails by over sized insulators. A connecting clip holds sections of track, firmly locked. Because of height of rails, "O-27" track, switches, and crossovers cannot be used with "O" gauge equipment. Straight track is 8 1/4 inches long. Curved is 9 1/2 inches long.

No. 1013—Curved track. Price \$ 1.15
No. 1016—Straight Track. Price \$ 1.15
No. 1013-17—Steel Pins. Price, Dozen \$ 1.0
No. 313-62—Fibre Pins. Price, Each \$.05



UTC Lockon—Clamped on track, it provides a perfect contact for wires leading to transformer. Price \$.50



No. 1025 ILLUMINATED BUMPER
Equipped with an electric caution lamp. One section of "O-27" track is included. Price \$1.75



No. 1021 90-DEGREE CROSSING
Black enamel base to match the ties of "O-27" track. 7 1/2 inches square. A great help in making interesting track layouts. Price \$1.00

First time Lionel quality has ever been built into remote control switches is sold at so low a price. Each switch is equipped with a newly designed operating mechanism containing red and green colored electric lights that indicate the position of the signal rail. The switch controller has a corresponding set of colored lights which indicates the position even though the switch itself may not be visible to the operator. The switch controller contains two realistic, ribbed levers. The signal rails operate with quick action on low voltage. Switch is 9 1/4 inches long, 6 1/2 inches wide.

No. 1121—Pair, one right and one left hand switch, complete with switch controller and connecting cable. Price \$6.75

No. 1024 MANUAL SWITCHES



Constructed of steel and perfectly insulated, switch is operated by hand lever. Per pair \$2.75

No. 1024R—Right hand Switch. Price \$1.75
No. 1024L—Left hand Switch. Price \$1.75



No. 1019 REMOTE CONTROL TRACK

This section of special 3-rail track is made for the operation of cars that can be unloaded electrically and for actuating remote control couplers. Complete with two-button remote control and 30 inches of connection cable. Mounted section of straight "O-27" track is 8 1/4 inches long. Price \$1.25



Lionel track is made by doubling the flange which so strengthens it that were a person to stand on it, it would not bend. Each section is perfectly insulated and tested. One end of each section has three steel pins which fit into the adjoining section. A connecting clip holds tracks firmly locked.

OC—Curved track, 10 1/2 inches long. Price \$ 2.20
OS—Straight track, 10 inches long. Price \$ 2.00
1/2 OC—1/2 Section, curved track. Price \$ 2.00
1/2 OS—1/2 Section, straight track. Price \$ 2.00
OS3—Straight track with two insulated rails. Complete with lockon, wires and fibre pins. Price \$.60
OC3—Curved track with two insulated rails. Complete with lockon, wires and fibre pins. Price \$.60
OC-16—Steel pins. Price, Dozen \$ 1.0
O11-11—Fibre pins. Price, Each \$.05



No. 025 ILLUMINATED BUMPER
Enamel finish. Equipped with electric caution lamp. One section of "O" gauge track is included with bumper. 10 inches long. Price \$2.00



No. 020X 45-DEGREE CROSSING
Constructed of steel. Bakelite crossing insulation. 11 1/4 inches long. Price \$1.95
No. 020—Similar to No. 020X, but 90-degree. 8 1/4 inches square. Price \$1.75

REMOTE CONTROL SWITCHES



Patented built in electrical device automatically unlocks and throws signal rail when train approaches an open switch, thus preventing derailment. Intricately molded Bakelite base supports rails. Frog, guard rails, closure rails, ties and tie plates are integral part of base. Perfect spacing of rails and smooth operation of trains results from this construction. Switch motor and rotary indicator light are built into a compact, sturdy unit which can be mounted on either side of the switch simply by removing two screws.

No. 022 (Pair—one right and one left)—10 1/2 inches long. Electric cord, remote controls and lamps are included. Price Per pair \$11.95

No. 022R—Right hand Switch. Price \$4.25
No. 022L—Left hand Switch. Price \$4.25

No. 042 MANUALLY OPERATED SWITCHES



Lever on control box turns signal rail and signal light. Construction is similar to No. 022 switches. 10 1/2 inches long. Pair, one right and one left, \$7.25

No. 042R—Right hand Switch. Price \$3.75
No. 042L—Left hand Switch. Price \$3.75

NEW REMOTE CONTROL TRACK SET



Operates electric couplers and electric unloading mechanism in freight cars. 10 inches long. Two-button Controller and connecting cable are included. Price \$1.50

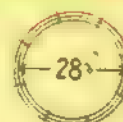
★ 'O-27' TRACK EQUIPMENT ★

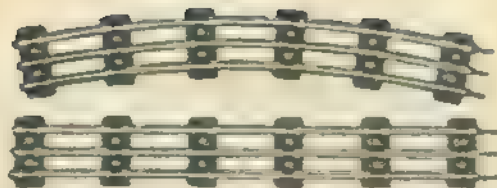
Eight sections of curved track form a circle 27 inches in diameter to the extreme outside ends of ties. Straight track is 8 1/4 inches long. Curved track is 9 1/2 inches long. The track gauge is 1 1/4 inches between running rails.



★ 'O' GAUGE TRACK EQUIPMENT ★

Eight sections of curved track form a circle 28 5/8 inches in diameter, from center rail to center rail—30 7/8 inches to the ends of ties. Straight track is 10 inches long. Curved, 10 1/2 inches long. 1 1/4 inches between running rails.





Closely spaced black anodized ties. "O-72" gauge straight track can be used with "O-72" track, if desired. Straight track is 14 1/2 inches long. Curved track is 14 inches long.

No. 761—Curved Track.	\$ 40
No. 762—Straight Track.	\$ 40
No. 762S—Insulated Straight Track, Lockon.	\$ 70
OC-18—Steel Pins.	Box \$ 10
011-11—Fibre Pins.	Box \$ 05



RCS REMOTE CONTROL TRACK SET

This special section of 3 rail track operates electric couplers and unlatching mechanism in freight cars. Mounted section of "O" gauge track is ten inches long. Controller with cable is included. Price \$1.50

MANUALLY CONTROLLED SWITCHES

No. 721—Actuated by means of lever on base which also changes the signal light. 14 1/2 inches long. Per Pair \$7.50



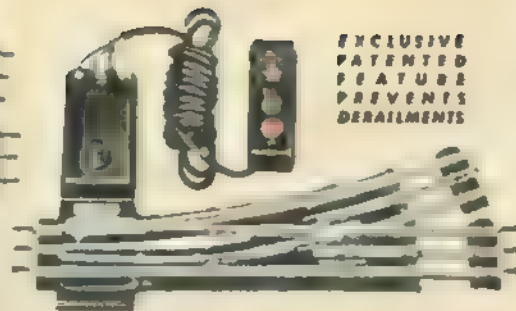
No. 721R—Right hand switch.
No. 721L—Left hand switch.

Price \$4.00
Price \$4.00



No. 720 90-DEGREE CROSSING

Crossing rails are mounted on an embossed steel base containing a molded plastic block to the center, to prevent short circuits. 14 1/2 inches square. Price \$2.25



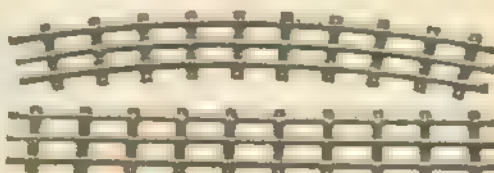
EXCLUSIVE
PATENTED
FEATURE
PREVENTS
DERAILMENTS

Built-in cut-off makes derailment of train impossible. Colored lights in remote control base as well as in the switch head. A direct to transformer plug permits local operation of switch action. Signal base may be assembled inside or outside the switch in order to fit the requirements of each track layout. 14 1/2 inches long.

No. 711—Pair, one right and one left.	Price \$13.95
No. 711R—Right hand.	Price \$7.25
No. 711L—Left hand.	Price \$7.25

No. 760 TRACK PACK

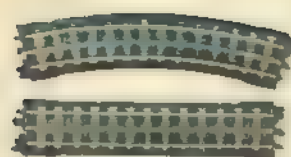
A complete circle of "O-72" wide radius curved track. Sixteen sections of No. 761. Price \$6.00



STEEL T-RAIL TRACK

Solid rails mounted on ties containing tie plates and spikes. Tie plates and wrench supplied with track. Sixteen sections form circle 72 inches in diameter. Gauge, 1 1/2 inches between running rails.

No. 771—Curved track, with bolts, 14 inches long.	\$ 60
No. 772—Straight track, bolts, 14 1/2 inches long.	\$ 60
No. 772S—Insulated Straight track.	\$1.00
No. 773—Fish Plate Outfit, 100 bolts, 100 nuts, 50 fish plates and wrench.	\$1.25
No. 730—90-Degree Crossing. Similar to No. 720, but with solid rails.	Price \$2.75
No. 731—Remote Control Switches. Similar to No. 711, but with solid rails.	Price \$15.00
No. 731R—Right hand Switch.	Price \$7.75
No. 731L—Left hand Switch.	Price \$7.75



"OO" GAUGE 3-RAIL TRACK

Lionel 3-rail track is mounted on black Bakelite base containing molded, closely-spaced ties. A special section of curved track contains terminals for wire connections.

No. 0031—Curved Track, 7" long.	\$ 30
No. 0032—Straight Track, 6 1/2" long.	\$ 30
No. 0034—Curved Track with wire connectors.	Price \$ 65
No. 0063—1/2 Curved Track, 3 1/2 in.	\$ 35
No. 0065—1/2 Straight Track, 3 1/2 in.	\$ 35
No. 0066—1/2 Straight Track.	\$ 40



REMOTE CONTROL SWITCHES

Switch snaps to close automatically upon approach of a train if the dispatcher forgets to operate controls. Connected by three-foot cable to Controller which has green and red lights (like lights on switch itself) for 3-rail track only.

No. 0072—Right and left.	Pair \$10.00
No. 0072L—Left hand Switch.	\$5.50
No. 0072R—Right hand Switch.	\$5.50



"OO" GAUGE 3-RAIL CROSSING

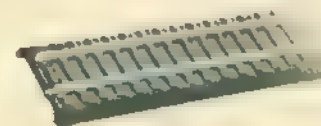
No. 0070—The length of the "OO" gauge crossover is equal to one section of straight track. 90 degree intersection. Price \$2.50

STANDARD GAUGE TRACK

Eight sections of curved track form a circle 40 1/2 inches in diameter from center rail to center rail—43 1/2 inches to the ends of ties. Gauge, 2 1/2 inches between running rails.

C—Curved Track, 13 1/2 inches long.	Price \$ 35
S—Straight Track, 14 inches long.	Price \$ 35
1/2 C—Half length, Curved Track.	Price \$ 35
1/2 S—Half length, Straight Track.	Price \$ 35
SS—Straight track with two insulated rails, with lockon, wires and pins.	Price \$ 70
SCS—Curved track with two insulated rails, with lockon, wires and pins.	Price \$ 70
No. 25—Illuminated Bumper.	Price \$2.50
No. 26—90-Degree Crossover, 11 1/2 inches square.	Price \$2.00
No. 273—Pair Remote Control Switches, 15 1/2 inches long, 8 1/2 inches wide.	Pair \$13.50
No. 223R—Right hand Switch.	Price \$7.00
No. 223L—Left hand Switch.	Price \$7.00
No. 210—Manually Controlled Switches, Pair, 13 1/2 inches long, 8 1/2 inches wide.	Pair \$7.50
No. 210R—Right hand Switch.	Price \$4.00
No. 210L—Left hand Switch.	Price \$4.00

NEW LIONEL 2-RAIL TRACK



New Lionel "OO" 2-rail track is the most realistic ever manufactured for quick assembly. Ties, tie plates and bolts are strictly true to scale. Ties are spaced accurately for a heavy duty main line. Rails are solid steel ("T"-Rail type) and more accurately sealed than any on the market. The base is Bakelite and may be covered easily with realistic rock ballast.

Track is joined by a powerful spring interlock of rails. Twelve sections of curved track form a circle with a diameter of 48 inches. A circle of track, including base, occupies a space of 50 by 50 inches.

No. 0031—Curved Track, 13 inches long.	Price \$ 50
No. 0032—Straight Track, 12 inches long.	Price \$ 50
No. 0034—Connection Curved Track.	Price \$ 65

★ 'O-72' TRACK TOURMENT ★

Sixteen sections of curved track form a circle 72 inches in diameter from center rail to center rail—74 1/4 inches to ends of ties. Straight track is 14 1/2 inches long. Curved, 14 inches long. 1 1/4 inches between running rails.



72"

★ 'OO' GAUGE TRACK EQUIPMENT ★

Twelve sections of "OO" gauge 3-rail track form a circle 27 inches in diameter from center rail to center rail. 2-rail curved track form a circle 48 inches in diameter. The track gauge is 5/8 of an inch between running rails.



27"



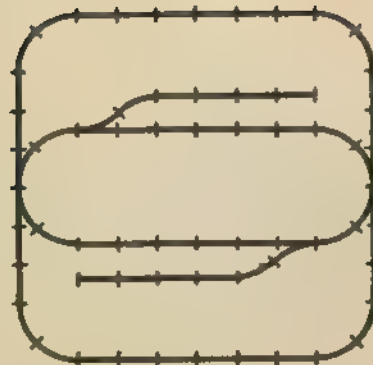
"O 27" TRACK 4 No. 1018 straight, 12 No. 1013 curved, 1 No. 1021 crossing. SPACE 27 by 62½ inches.

"O" GAUGE TRACK 4 OS straight, 12 OC curved, 1 No. 020 crossing. SPACE 30 by 70 inches.



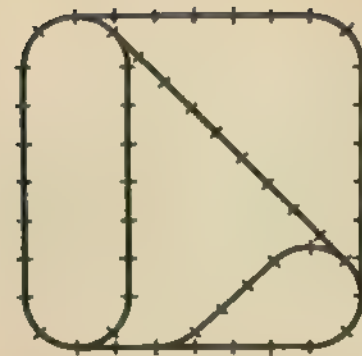
"O 27" TRACK 12 No. 1018 straight, 14 No. 1013 curved, 1 No. 1021 crossing, 1 pair No. 1121 or No. 1024 switches. SPACE 27 by 107 inches.

"O" GAUGE TRACK 12 OS straight, 14 OC curved, 1 No. 020 crossing, 1 pair No. 022 or No. 042 switches. SPACE 30 by 120 inches.



"O 27" TRACK 36 No. 1018 straight, 14 No. 1013 curved, 2 pair No. 1121 or No. 1024 switches, 2 No. 1024L switches, 2 No. 1025 bumpers. SPACE 80½ inches square.

"O" GAUGE TRACK 36 OS straight, 14 OC curved, 2 pair No. 022 or No. 042 switches, 2 No. 022L or No. 042L switches, 2 No. 025 bumpers. SPACE 90 inches square.



"O 27" TRACK 36 No. 1018 straight, 10 No. 1013 curved, 2 pair No. 1121 or No. 1024 switches, 2 No. 1024L switches. SPACE 80½ inches square.

"O" GAUGE TRACK 36 OS straight, 10 OC curved, 2 pair No. 022 or No. 042 switches, 2 No. 022L or No. 042L switches. SPACE 90 inches square.



"O 27" TRACK 8 No. 1018 straight, 12 No. 1013 curved, 2 pair No. 1121 or No. 1024 switches. SPACE 27 by 80½ inches.

"O" GAUGE TRACK 8 OS straight, 12 OC curved, 2 pair No. 022 or No. 042 switches. SPACE 30 by 90 inches.



"O 27" TRACK 12 No. 1018 straight, 10 No. 1013 curved, 1 pair No. 1121 or No. 1024 switches. SPACE 27 by 89½ inches.

"O" GAUGE TRACK 12 OS straight, 10 OC curved, 1 pair No. 022 or No. 042 switches. SPACE 30 by 100 inches.



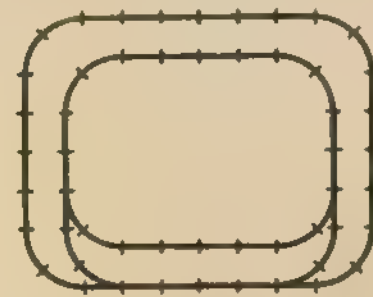
"O 27" TRACK 15 No. 1018 straight, 10 No. 1013 curved, 1 pair No. 1121 or No. 1024 switches. SPACE 35½ by 73½ inches.

"O" GAUGE TRACK 15 OS straight, 10 OC curved, 1 pair No. 022 or No. 042 switches. SPACE 40 by 80 inches.



"O 27" TRACK 8 No. 1018 straight, 18 No. 1013 curved, 1 pair No. 1121 or No. 1024 switches, 1 No. 1021 crossing. SPACE 44½ by 80 inches.

"O" GAUGE TRACK 8 OS straight, 18 OC curved, 1 pair No. 022 or No. 042 switches, 1 No. 020 crossing. SPACE 50 by 87 inches.



"O 27" TRACK 30 No. 1018 straight, 16 No. 1013 curved, 2 pair No. 1121 or No. 1024 switches. SPACE 62½ by 80½ inches.

"O" GAUGE TRACK 30 OS straight, 16 OC curved, 2 pair No. 022 or No. 042 switches. SPACE 70 by 90 inches.



"O 27" TRACK 26 No. 1018 straight, 10 No. 1013 curved, 3 pair No. 1121 or No. 1024 switches. SPACE 62½ by 89½ inches.

"O" GAUGE TRACK 26 OS straight, 10 OC curved, 3 pair No. 022 or No. 042 switches. SPACE 70 by 100 inches.



"O 27" TRACK 19 No. 1018 straight, 14 No. 1013 curved, 2 pair No. 1121 or No. 1024 switches. SPACE 53½ by 80½ inches.

"O" GAUGE TRACK 19 OS straight, 14 OC curved, 2 pair No. 022 or No. 042 switches. SPACE 60 by 90 inches.



"O 27" TRACK 18 No. 1018 straight, 14 No. 1013 curved, 3 pair No. 1121 or No. 1024 switches. SPACE 53½ by 80½ inches.

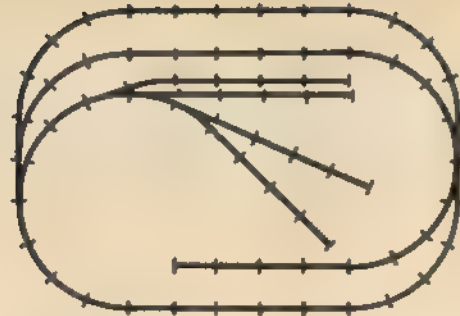
"O" GAUGE TRACK 18 OS straight, 14 OC curved, 3 pair No. 022 or No. 042 switches. SPACE 60 by 90 inches.

TRACK LAYOUTS

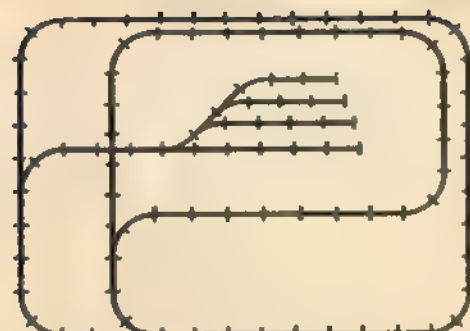
★ The diagrams on these pages illustrate the principles involved in good model building. For plans to construct a larger model railroad, obtain a copy of the Handbook for Model Builders, described on Page 64 of this catalog. The Handbook contains hundreds of layout ideas.



"O-72" TRACK 26 No. 762 or No. 772 straight, 34 No. 761 or No. 771 curved, 1 No. 720 or No. 730 crossing, 1 pair No. 711, No. 721 or No. 731 switches SPACE 100" at widest point, 72 inches at narrowest point, 214" inches overall length

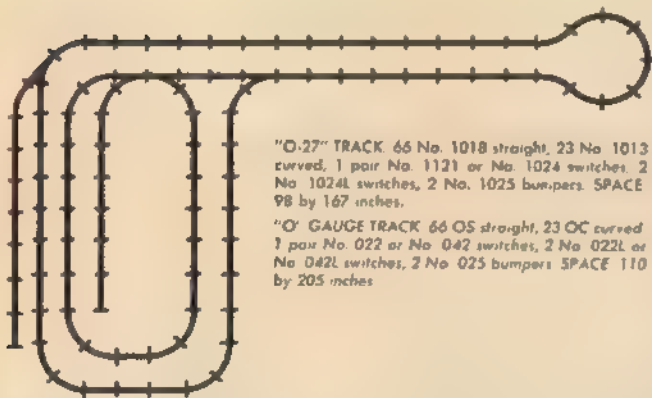


"O-72" TRACK 30 No. 762 or No. 772 straight, 28 No. 761 or No. 771 curved, 5 No. 025 bumpers, 1 pair No. 711, No. 721 or No. 731 switches, 5 No. 711R, No. 721R or No. 731R switches SPACE 100" by 144 inches



"O-27" TRACK 68 No. 1018 straight, 18 No. 1013 curved, 1 No. 1021 crossing, 1 pair No. 1121 or No. 1024 switches, 4 No. 1024R switches, 4 No. 1025 bumpers SPACE 89 by 124" inches

"O" GAUGE TRACK 68 OS straight, 18 OC curved, 1 No. 020 crossing, 1 pair No. 022 or No. 042 switches, 4 No. 022R or No. 042R switches, 4 No. 025 bumpers. SPACE 100 by 140 inches



"O-27" TRACK 66 No. 1018 straight, 23 No. 1013 curved, 1 pair No. 1121 or No. 1024 switches, 2 No. 1024L switches, 2 No. 1025 bumpers. SPACE 98 by 167 inches.

"O" GAUGE TRACK 66 OS straight, 23 OC curved, 1 pair No. 022 or No. 042 switches, 2 No. 022L or No. 042L switches, 2 No. 025 bumpers. SPACE 110 by 205 inches



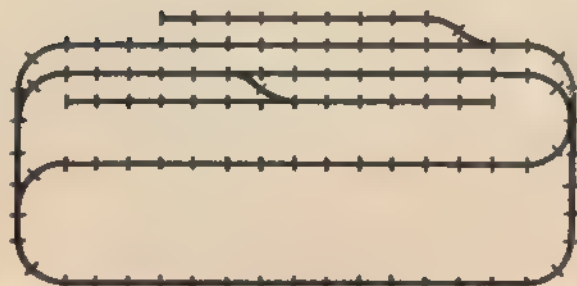
"O-27" TRACK 51 No. 1018 straight, 12 No. 1013 curved, 1 No. 1021 crossing, 2 pair No. 1121 or No. 1024 switches, 2 No. 1024L switches, 3 No. 1025 bumpers. SPACE 71" by 124" inches

"O" GAUGE TRACK 51 OS straight, 12 OC curved, 1 No. 020 crossing, 2 pair No. 022 or No. 042 switches, 2 No. 022L or No. 042L switches, 3 No. 025 bumpers. SPACE 80 by 140 inches



"O-27" TRACK 72 No. 1018 straight, 14 No. 1013 curved, 3 pair No. 1121 or No. 1024 switches, 2 No. 1024L switches, 4 No. 1025 bumpers. SPACE 71 by 160" inches

"O" GAUGE TRACK 72 OS straight, 14 OC curved, 3 pair No. 022 or No. 042 switches, 2 No. 022L or No. 042L switches, 4 No. 025 bumpers. SPACE 80 by 180 inches



"O-27" TRACK 77 No. 1018 straight, 13 No. 1013 curved, 1 pair No. 1121 or No. 1024 switches, 5 No. 1024R switches, 3 No. 1025 bumpers. SPACE 80" by 151" inches.

"O" GAUGE TRACK 77 OS straight, 13 OC curved, 1 pair No. 022 or No. 042 switches, 5 No. 022R or No. 042R switches, 3 No. 025 bumpers. SPACE 90 by 170 inches.



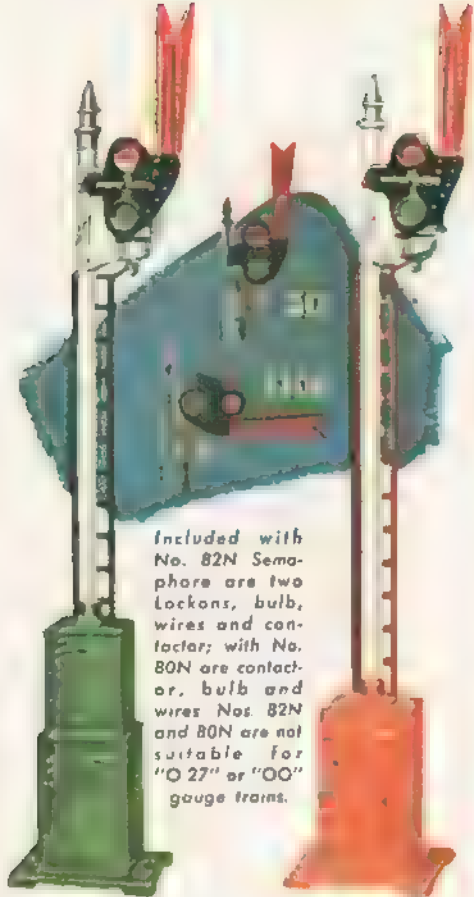
"O-77" TRACK 40 No. 1018 straight, 12 No. 1013 curved, 2 pair No. 1121 or No. 1024 switches, 1 No. 1024L switch, 3 No. 1025 bumpers. SPACE 71" by 107 inches.

"O" GAUGE TRACK 40 OS straight, 12 OC curved, 2 pair No. 022 or No. 042 switches, 1 No. 022L or No. 042L switch, 3 No. 025 bumpers. SPACE 80 by 120 inches.



"O-27" TRACK 60 No. 1018 straight, 12 No. 1013 curved, 3 pair No. 1121 or No. 1024 switches, 1 No. 1024L switch, 1 No. 1025 bumper. SPACE 71" by 151" inches

"O" GAUGE TRACK 60 OS straight, 12 OC curved, 3 pair No. 022 or No. 042 switches, 1 No. 022L or No. 042L switch, 1 No. 025 bumper. SPACE 80 by 170 inches



Included with No. 82N Semaphore are two Lockers, bulb, wires and contactor; with No. 80N are contactor, bulb and wires. Nos. 82N and 80N are not suitable for "O 27" or "OO" gauge trains.

No. 82N
TRAIN CONTROL

When train approaches, semaphore is down and red bull's-eye is illuminated. Train stops. After interval, arm rises, light changes and train automatically proceeds. 1 1/4" high. Price \$6.75

No. 80N
AUTOMATIC SIGNAL

As train approaches, semaphore arm rises and green bull's-eye is illuminated. When train has passed, arm drops and red bull's-eye is seen. 1 1/2" high. Price \$4.25

TWO NEW, REALISTIC ACCESSORIES

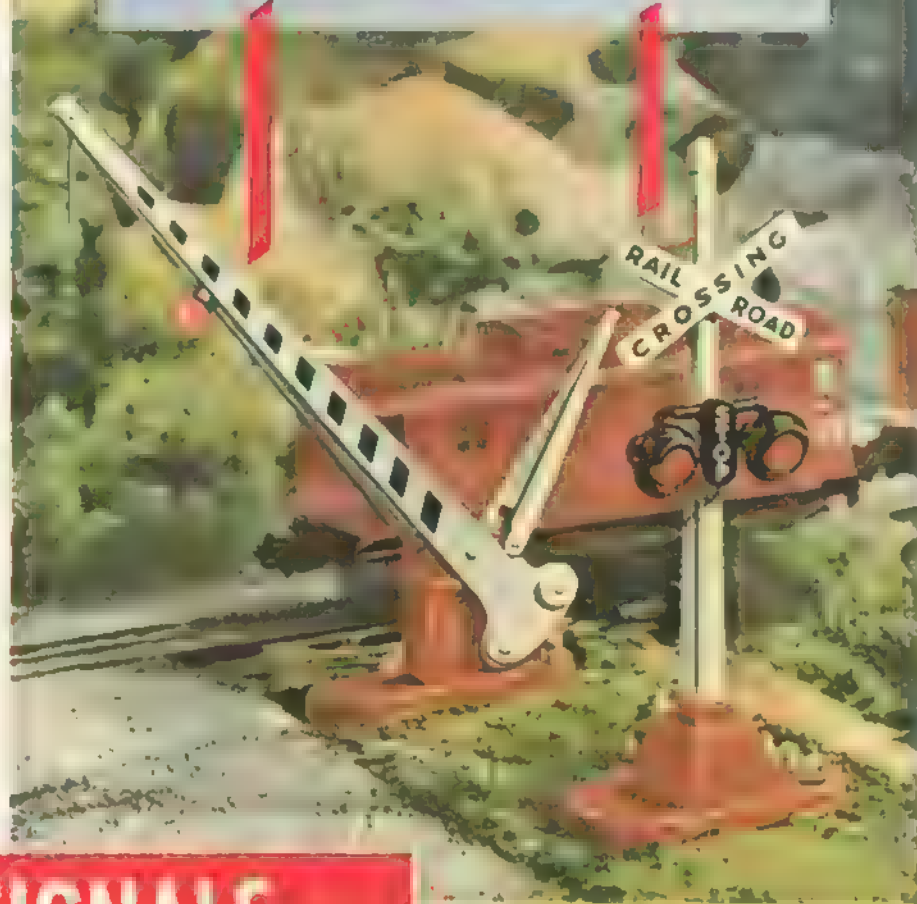
Suitable for use with any gauge equipment except "OO" and Standard

No. 152 AUTOMATIC CROSSING GATE

As train approaches, red warning light is illuminated and gate is lowered. When train has passed light is extinguished and gate opens. Gate is 10 1/2" inches long. Contactor is included. Price \$2.75

No. 154 AUTOMATIC HIGHWAY SIGNAL

Danger! Railroad crossing ahead. As train approaches, traffic signal flashes alternate red warning lights. Flashing ceases when train has passed. Contactor is included. 9 inches high. Price \$2.50



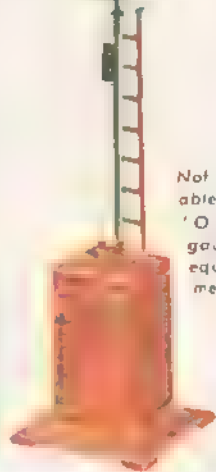
STOP
HALF SPEED
GO



Color-Light Train Control

One of the Most Modern Signals in Railroading

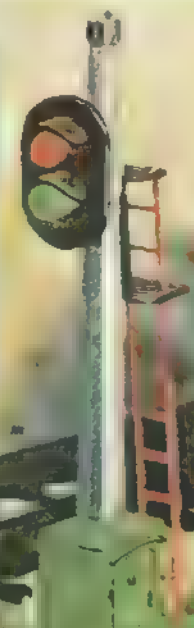
No. 99M - An automatic action accessory that is fascinating to watch. As a train approaches, the red light in the signal is illuminated and the train automatically is halted in front of the signal. After a brief interval, the red light is extinguished, the green light is illuminated and the train is started automatically. When the last car of the train has left the block, the yellow light is illuminated. At the action is automatic and is repeated each time the train circles the track. Suitable for use with any track except "OO" and "O 27". Signal is 1 1/4" inches high. The base of the signal is die cast with interesting details and enamelled in bright colors. Contactor is included. Price \$5.50



Not suitable for "O 27" gauge equipment.

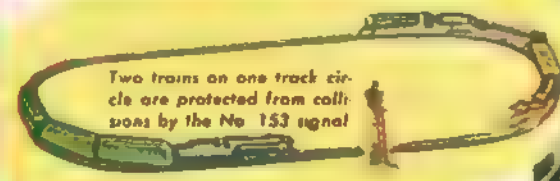
New, Automatic Block Control

No. 153 - Controls locomotives automatically so that two trains may run at same time, on same oval of track, without accident. When first train enters safety block, signal flashes red, slowing or halting train that follows. Suitable for any gauge except "OO". 9 inches high. Contactor is included. Price \$3.25

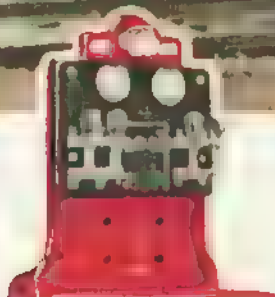
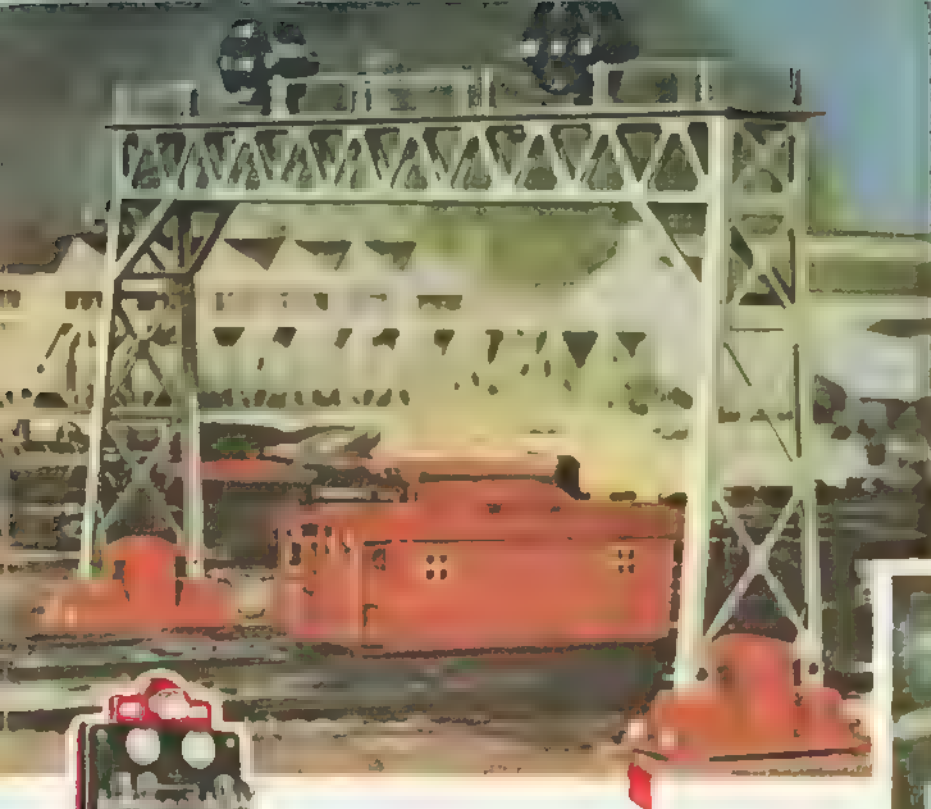


AUTOMATIC SIGNALS ★

★ Only the most accurate and reliable automatic signals are available. They are made of the finest materials and are guaranteed to last for years. They are also the most realistic and most attractive signals available. They are the only signals that are suitable for use with any gauge equipment except "OO" and "O 27". They are the only signals that are suitable for use with any gauge equipment except "OO" and "O 27". They are the only signals that are suitable for use with any gauge equipment except "OO" and "O 27".



Two trains on one track circle are protected from collisions by the No. 153 signal



Illuminated panel board furnished with the Signal Bridge has four additional knife switches which may be wired for turning on the lights in other illuminated accessories.

LIGHT-POSITION SIGNAL BRIDGE

No. 440N For use with any track except "OO" gauge. Three lights are illuminated in each signal head at a single time. "Proceed" is indicated by vertical lights, "Stop" by horizontal lights. Position of light actually controls passage of trains; stopping and start them or allowing them to proceed without interruption. Signals are for use on either single or double track. Each signal is operated independently from a remote control, illuminated panel board (illustrated at left). Position of lights can be reversed to face either direction. Add several of these signal bridges to your layout and double the thrills and excitement of model railroading! Complete with four Lockons. 20½ inches wide, 14¾ inches high. **Price \$11.50**

No. 83 TRAFFIC SIGNAL

The red light in this miniature traffic signal flashes on and off continuously. Signal is die cast, enameled and measures 6¾ inches high. **Price \$3.25**

No. 87 CROSSING WARNING

An accurately detailed model of warning signals used at the intersection of highways and track. Bull's eye is illuminated at intervals of about one second. Blinker action is continuous as long as electric current is applied. Die cast construction, attractively enameled. 4¾ inches high. **Price \$3.75**



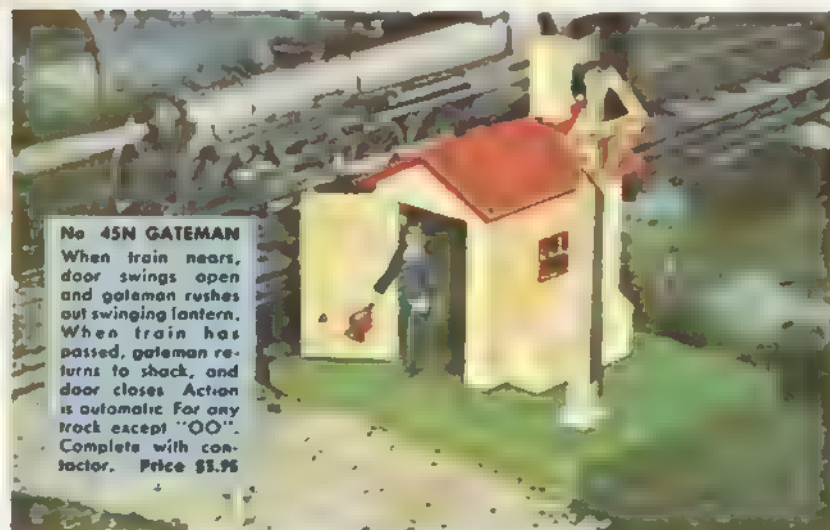
No. 76 WARNING BELL AND SHACK

For any track except "OO" gauge. When train draws near, bell on post tolls a warning. As last car passes, bell stops ringing. Made of heavy steel, attractively enameled. Complete with contactor. **Price \$5.75**



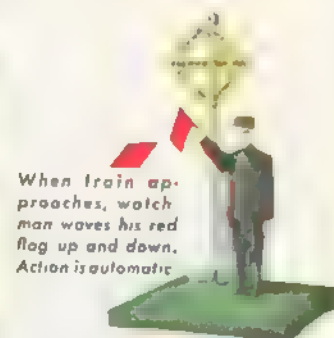
No. 46 AUTOMATIC, ILLUMINATED CROSSING GATE

For any track except "OO". As train nears, gate lowers automatically and red lantern is illuminated. When train has passed, gate rises. Long arm measures 6 inches. Complete with contactor. **Price \$5.00**



No. 45N GATEMAN

When train nears, door swings open and gateman rushes out swinging lantern. When train has passed, gateman returns to shack, and door closes. Action is automatic. For any track except "OO". Complete with contactor. **Price \$5.95**



When train approaches, watchman waves his red flag up and down. Action is automatic.

No. 1045 OPERATING WATCHMAN

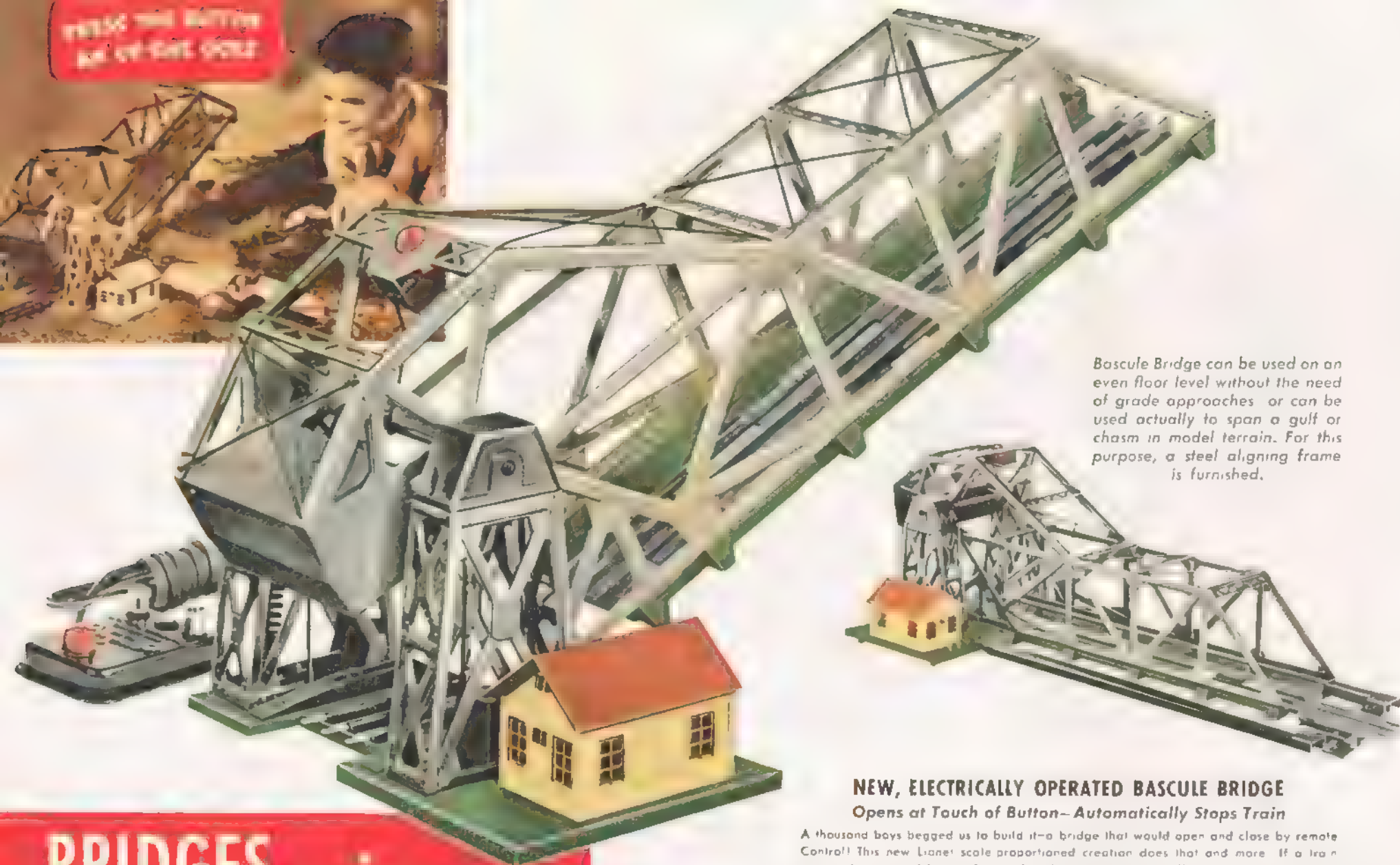
An ingenious, electrically operated accessory. For any track except "OO", solid rail and standard gauge. Warning signal is 7 inches high. **Price \$2.00**

No. 47 AUTOMATIC, ILLUMINATED CROSSING GATE

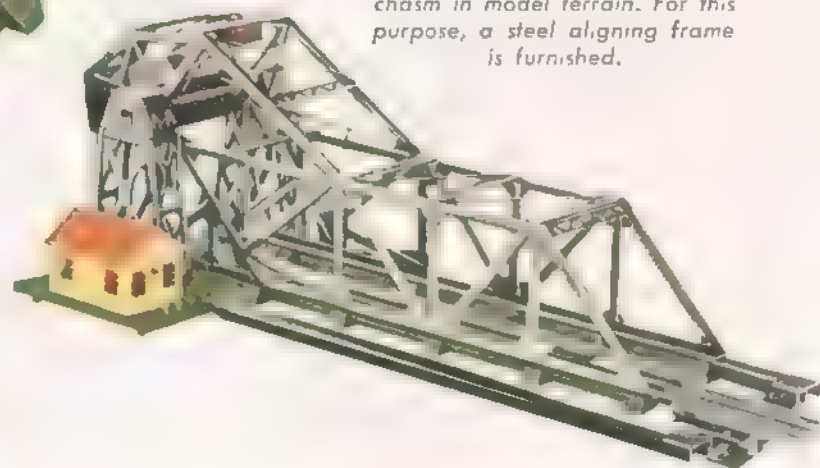
True to scale. For any track except "OO". As train approaches, warning lanterns are illuminated and gates are lowered automatically. When train has passed, gates rise and lights are extinguished. Made of steel and enameled. Base is 16½ by 3½ inches. Complete with contactor. **Price \$4.95**



PLEASE TURN BOTTOM
KID OF THE PAGE



Bascule Bridge can be used on an even floor level without the need of grade approaches or can be used actually to span a gulf or chasm in model terrain. For this purpose, a steel aligning frame is furnished.



NEW, ELECTRICALLY OPERATED BASCULE BRIDGE Opens at Touch of Button—Automatically Stops Train

A thousand boys begged us to build it—a bridge that would open and close by remote Control! This new Lionel scale proportioned creation does that and more. If a train approaches opened bridge from either direction, automatically it is brought to a halt until bridge closes, then automatically started again. Constructed of heavy gauge steel with deeply embossed rivets, plates and other structural details. Illuminated by a red beacon light. Bridge is adjustable so that it can be used with "O" gauge or O 27 tubular track. Operating motor is enclosed in enameled bridge tender's shack. 21½ inches long, 9¼ inches high when closed. No. 313.

Price \$11.95

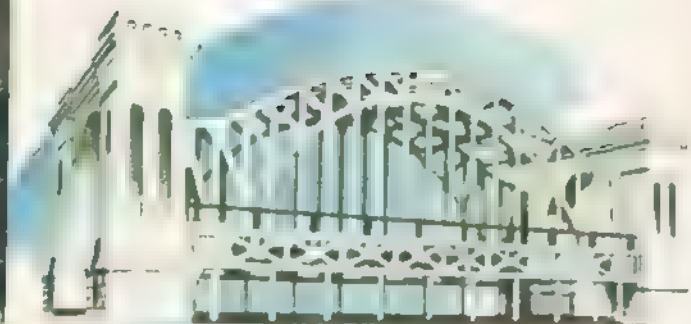
BRIDGES

From every railroad bridge, trestle and viaduct, there is a piece of your miniature. Electrically operated bridges. How many of them in your model rail.



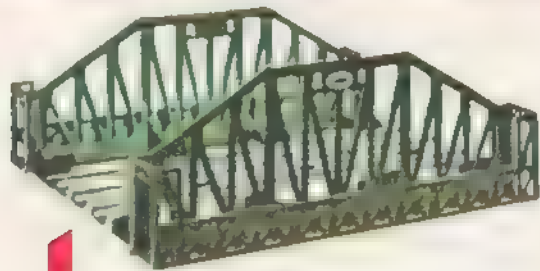
SCALE MODEL GIRDER BRIDGE

No. 314—A bridge is one piece of railroad equipment that every miniature system should have. In this new reproduction, Lionel brings you absolute scale model realism. Die cast with rivet heads projected in sharp relief. Distinct plate stiffeners, floor beam brackets and flange reinforcements. Floor of bridge can be slipped under track of any gauge without raising it above normal level. Sections can be used in multiple with striking effect. Single span is 10 inches long. Price \$2.25



No. 300 "HELL GATE" BRIDGE FOR "O" GAUGE or STANDARD GAUGE ROADS

In New York City is a famous bridge that spans the East River. It has imposing archways, a majestic superstructure and is called 'Hell Gate Bridge'. Lionel No. 300 is an accurate, all steel reproduction. The archways at each end are embossed and enameled to represent limestone. There are four doorways for pedestrians and two sidewalk elevations. Trains pass through bridge at regular track level. 28 1/2 inches long, 11 inches high, 10 1/8 inches wide. Price \$16.50



No. 280 SINGLE-SPAN STANDARD GAUGE BRIDGE

Built of steel to represent modern heavy girder construction. On each side of the right of way are portals and walks for pedestrians. Richly enameled by Lionel's exclusive process. Complete with track 14 inches long. Price \$2.75



NEW, ILLUMINATED TRESTLE

No. 315—Large, new and impressive rolled steel railroad trestle bridge with built-in aerial landmarking beacon light. Can be used with trains of any gauge or style. Track sections rest on floor of bridge without being raised above the normal level. Gusseted girder steel members are deeply embossed with accurately placed rivet heads. Bridge is 24 1/2 inches long. Price \$2.75



No. 43 MOTORBOAT

A Hundred Feet A Minute! That's the speed of this dashing Lionel Craft. But speed is not all you get! For these racers in calm water will actually steer themselves will run out in a straight line for a hundred feet, then turn about automatically and go back toward the operator. Or rudder can be locked so boat races ahead continually. Powered by 9 foot spring motor 17 inches long equipped with a boat cradle stand. Price \$4.95

No. 270 SINGLE-SPAN "O" GAUGE BRIDGE

Bridges of this type are used on the rights of ways of nearly all real railroads. The Lionel model is made of heavy steel, deeply embossed and enameled. Complete with one section of track 10 inches long. Price \$2.00

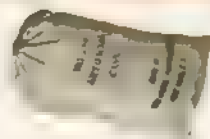




ELECTRIC COAL ELEVATOR

This is the Lionel accessory which loads model freight cars by remote control. Artificial coal dumped into well in base of this structure is scooped up by a series of buckets traveling on an endless chain. Chain conveyor lifts buckets to top of bunker where they dump their contents into loft. Remote controls that are provided contain a button and a knob. The knob controls the electric motor which operates the endless chain. The button is used to open and close the chute gate on the inside of loft. At the touch of this button coal pours down chute into waiting car, as illustrated. With each elevator, a quantity of artificial coal is included. Height 12 inches.

No. 97, Price \$8.50



No. 206 ARTIFICIAL COAL

With each coal elevator or electric dump car, a sack of artificial coal is included. Not only does this coal appear like real anthracite, but it is dustless. Each package contains approximately 1/2 lb. Extra sack, \$25



No. 188 COMPLETE COAL ELEVATOR OUTFIT

Outfit contains the No. 97 remote control coal elevator. Also included in outfit is one No. 3659 electric, tilting dump car with remote control couplers, one section of RCS special control track, one No. 160 unloading bin and two sacks of artificial coal. For use in trains having 2750, 2650 or 650 cars. A grand gift! Price \$13.75



No. 186 COMPLETE LOG LOADING OUTFIT

In this one package are all of the units essential for the addition of a lumber center in your model railroad system. Suitable for use with O gauge trains having 2750, 2650 or 650 series cars. Outfit includes No. 164 Log Loader described above, No. 3651 Electrically operated Lumber Car with electric couplers, one RCS track, unloading bin and logs. Price \$13.00



ELECTRIC LOG LOADER

One of the most exciting accessories ever conceived, this electrically operated Log Loader will make your miniature railroad hum with activity. Especially appropriate for use with electrically operated lumber cars. Lumber cars unload logs into trough on one side. Hooks on revolving, endless chain, carry logs up to elevated loading platform. Lumber cars may be drawn up along the other side of Log Loader. Then, by remote control, cars may be loaded with logs, as illustrated below. 9" high, 1 1/4" wide, 10 3/4" long. Logs are included.

No. 164, Price \$9.50



No. 128 ILLUMINATED STATION AND TERRACE
Terrace and building are made of steel, embossed to represent limestone. Terrace contains flower beds, grass plots and flagstaff, is illuminated by six lamp posts on railings, measures 31½ inches long, 18½ inches wide. Station is equipped with automatic train-stopper, has eight swinging doors, panelled windows, grilled skylight, interior illumination and two lights at doorway. Locks, fibre pins and wires are included. Station is 13½ inches long, 9¼ inches wide, 8½ inches high. Price \$22.00
No. 129—Terrace only, as described. Price \$14.00



TRAIN-STOPPER

OPERATES AUTOMATICALLY

An ingenious device in Lionel Stations stops trains in front of stations, detains them an instant, then starts them automatically.



No. 137 ILLUMINATED STATION

Made of steel with many accurately reproduced details. Equipped with automatic train stopper. Inset windows, removable roof. Included are two UTC Locks, fibre pins and wires. 8½ inches long, 4½ inches wide, 5 inches high. Price \$3.75



No. 134 ILLUMINATED STATION

Equipped with automatic train stopper. Interior illumination. Hinged doors. Frosted lamps. Included are Locks and wires. 9½ inches wide, 14 inches long, 10½ inches high. Price \$7.75



No. 136 ILLUMINATED STATION

Beautiful town or suburban station, equipped with automatic train stopper. Interior light has polished reflector. Included are Locks and wires. Station is 10½ inches wide, 7½ inches high. Price \$5.75



No. 116 ILLUMINATED CITY STATION

Equipped with automatic train stopper. Lionel's largest, most imposing station structure. Made of heavy steel, deeply embossed and finished in rich lustrous enamel. Two interior lights and two outside lights at doorway keep the entire structure ablaze with illumination. Fourteen panelled windows. Swinging doors. Removable skylights. Included are two UTC Locks, fibre pins and wires. Station measures 19½ inches long, 8½ inches high, 9½ inches wide. Price \$12.75



PASSENGER STATIONS ★



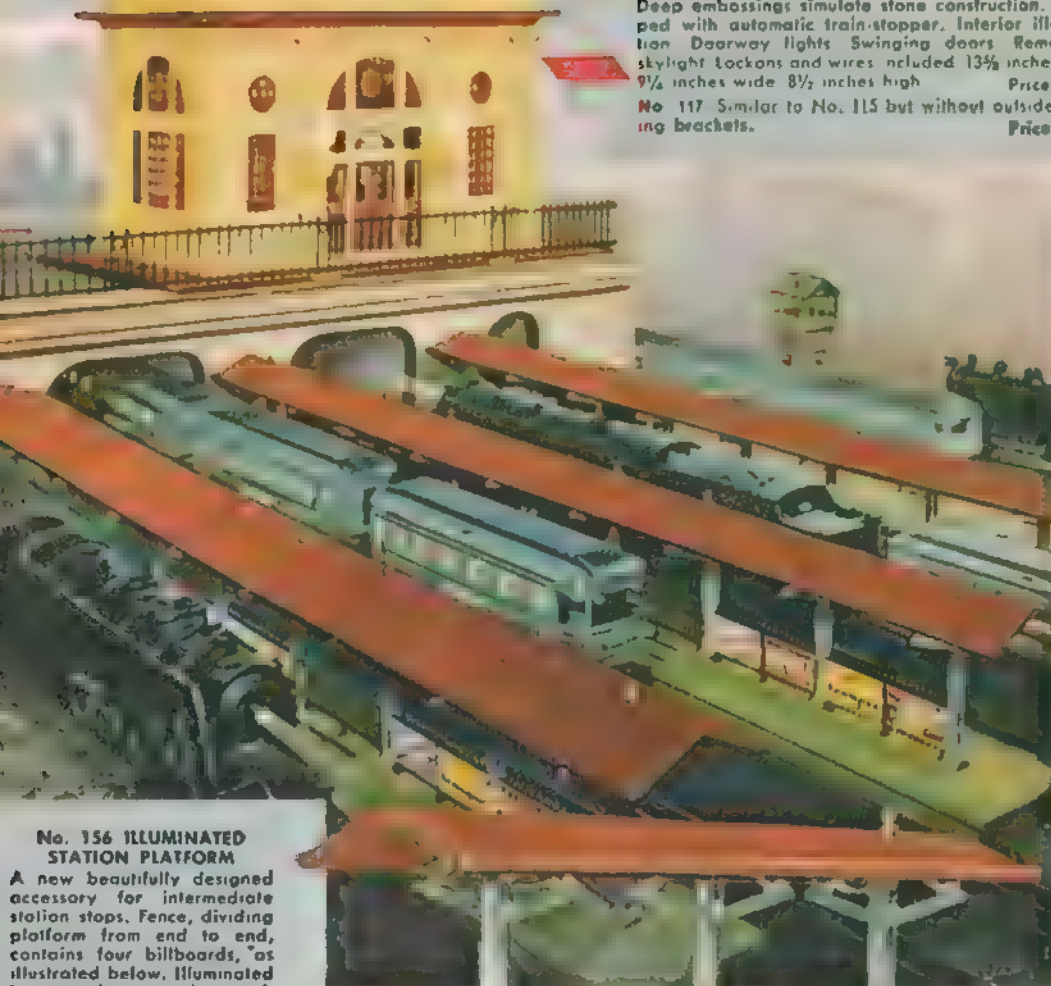
Every passenger station is equipped with a passenger car light. It is made of heavy steel, deeply embossed and finished in rich lustrous enamel. Two interior lights and two outside lights at doorway keep the entire structure ablaze with illumination. Fourteen panelled windows. Swinging doors. Removable skylights. Included are two UTC Locks, fibre pins and wires. Station measures 19½ inches long, 8½ inches high, 9½ inches wide. Price \$12.75

No. 115 ILLUMINATED STATION

Deep embossings simulate stone construction. Equipped with automatic train-stopper. Interior illumination. Doorway lights. Swinging doors. Removable skylight. Locks and wires included. 13½ inches long, 9¼ inches wide, 8½ inches high.

Price \$8.75

No. 117 Similar to No. 115 but without outside lighting brackets. Price \$7.50



No. 156 ILLUMINATED STATION PLATFORM

A new beautifully designed accessory for intermediate station stops. Fence, dividing platform from end to end, contains four billboards, as illustrated below. Illuminated by two lamps under roof. 12 inches long, 5¼ inches high, 3¼ inches wide.

Price \$2.25

No. 158 STATION-PLATFORM SET

Set of two No. 156 Station Platforms and one No. 136 Station. Price \$9.75



No. 840 INDUSTRIAL POWER STATION

Masterpiece of miniature buildings. Embellished with numerous inset doors and windows. Superstructure can be lifted off the platform so that transformers can be fitted into the hollows. Transformer can be operated through the roof which is fitted with removable hatches. A panel board on one side of building contains six knife switches, for control of illuminated accessories. Structure is 26 inches long, 21½ inches wide, 18 inches high. Price \$17.50



POWER HOUSES AND TOWERS

★ Most miniature of all Lionel accessories. In the largest display of miniature power plants, these are the only portable power plants. The power houses are available in many different sizes and prices.



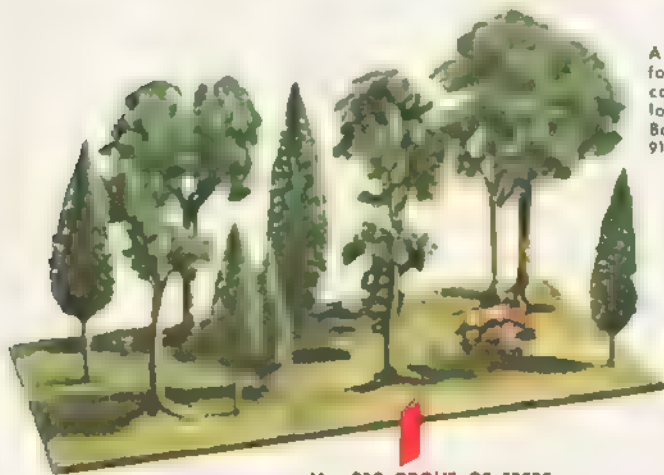


No 442
ILLUMINATED, LANDSCAPED DINER
An interesting addition to the railroad layout. Interior illumination. Landscaped base. Measures 10½ inches wide and 3 inches high. Price \$2.50



**No 911 ILLUMINATED,
LANDSCAPED ESTATE**

A palatial home, built of steel, reinforced by inset windows and finished in colorful enamel. House is 7½ inches long, 5½ inches high. Roof is removable. Base is similar to that shown with No. 912, at right. Price \$4.75



No 910 GROVE OF TREES
Modeled by a scenic artist. Every grove contains a variety of trees. Base is covered with imitation grass. Base measures 16 inches long, 8¾ inches deep. Price \$2.50

**No 927
ORNAMENTAL
FLAG PLOT**

Flag is made of silk and fitted with cord so that flag may be raised or lowered. 14¾ inches high. Price \$2.75

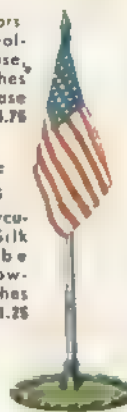


**No. 912 ILLUMINATED,
LANDSCAPED HOME**

Built of steel and enameled in bright colors. Numerous inserted window frames add realism and strength. Roof is removable. House, erected on an ornamental base, is 5½ inches long, 4¾ inches wide, 5½ inches high. Base is 16 inches long. Price \$4.75

**No 90
FLAGSTAFF
AND FLAG**

Decorated circular base. Silk flag may be raised or lowered. 14½ inches high. Price \$1.25



**No 919
PARK GRASS**

You can create beautiful scenic effects with this bright green artificial grass. Approximately eight ounces to bag. Price \$3.00

**No 913 ILLUMINATED,
LANDSCAPED BUNGALOW**

For variety, use several of these modest dwellings in your model city. House made of steel, is surrounded by trees and green bushes, with base like that shown with No. 912. Interior light 4¾ inches long, 4 inches high. Roof is removable. Price \$4.00



**No 53
LAMP POST**

Stately and modern. Enameled white. Opal light. 8¾ inches high. Price \$1.75



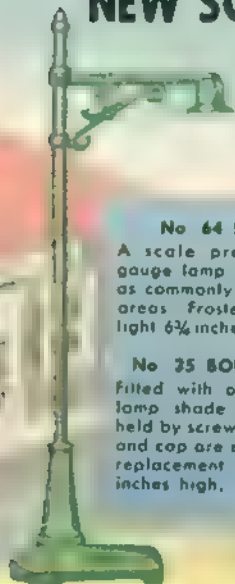
**No. 57
LAMP POST**

Lamp illuminates names of streets on four sides. 7¾ inches high. Price \$1.75

HOUSES AND LAMPS

★ *These models are made of steel and are painted in bright colors. They are illuminated by a special light which gives them a realistic appearance. They are made of steel and are painted in bright colors. They are illuminated by a special light which gives them a realistic appearance.*

NEW SCALE MODELS



No. 64 STREET LAMP
A scale proportioned "O" gauge lamp post (at left) such as commonly seen in suburban areas. Frosted globe diffuses light 6 1/2 inches high. Price \$1.75



No. 35 BOULEVARD LAMP
Filled with opalescent, plastic lamp shade and ornate cap, held by screw type finial. Shade and cap are easily removed for replacement of the lamp. 6 1/2 inches high. Price \$1.50



No. 52 LAMP POST
Handsome lamp standard with brilliant metallic finish. Globe casts bright light. 10 1/4 inches high. Price \$2.00



No. 63 LAMP POST
Copied from designs used in recent public developments. Die cast Globes included. 13 inches high. Price \$2.75

CHART OF REPLACEMENT LAMPS

LAMP No.	DESCRIPTION	PRICE	FOR USE WITH THE FOLLOWING EQUIPMENT
27 3	2V Clear	\$.25	Catalog Numbers 83, 87, 16A, 20A, 22A, 229, 249, 259, 26A, 265, 4-9, 442, 440C, 600, 60, 602, 616, 620, 820, 1, 21, 664, 1866, 1868, 1684, 1685X, 1686X, 1687E, 1688, 7600, 2601, 2602, 2620, 2640, 2641, 2642, 2643, 7620
27 6	12V Green	.30	0072 Controller
28 3	8V Clear	.25	56, 57, 60N, 87N, 92, 99N, 15, 16, 17, 120L, 134, 136, 137, 84, 789, 181, 210, 223, 225, 226, 250, 263, 437, 438, 440N, 613, 614, 615, 752, 754, 782, 783, 784, 911, 912, 913, 2613, 2614, 2615, all standard gauge locomotives and cars
28 6	18V Red	.30	022C, 025, 25, 77N, 91, 120L, 226, 263, 265, 342, 400, 711C, 1835
29 3	18V Yellow	.30	99N
30 3	12V Frosted	.30	54, 58
40 3	8V Frosted	.30	29, 55
47 40	18V Red Lantern	.50	46, 47
63 11	18V Opa	.30	52, 53, 63
64 76	12V Opa	.30	64
6072 70	2V Yellow	.30	0072
79 22	2V Red	.30	79, 0072 Controller, 1025
52 23	6 BV Red	.25	153
152 24	6 BV Green	.25	153
152 13	12V Red	.25	152
154 16	12V Red	.30	154
56 3	8V Clear	.25	156
165 53	8V Red	.30	165
315 20	2V Clear	.25	155, 252, 2621, 2624
408 45	18V Green	.30	022C, 711C
616 3	2V Clear	.30	001, 002, 003, 004, 45N, 201, 203, 227, 228, 230, 237, 232, 233, 616, 618W, 636W, 701, 701T, 1662, 1663, 2201T, 2201B, 7203T, 2303B, 2227T, 2227B, 2278B, 2228T, 2230B, 72, 28, 1213B, 1220T, 2231B, 2231T
217 54	18V Clear	.25	7, 7, 7, 2K, 2952, 313
152 9	18V Clear	.30	022, 042, 700, 700K, 35, 711, 721, 731, 752W, 763
Q 90	8V Clear	.20	Q R V Z



No. 56 LAMP POST
A copy of lamps frequently used for illumination of parkways. Top of lamp can be removed. 7 1/2 inches high. Price \$1.75



No. 58 LAMP POST
A graceful, ornamental design that is similar to posts used in big cities. Baked enamel ivory finish. 7 1/2 inches high. Price \$1.50



No. 916 CURVED TUNNEL

For "O" outfits except No. 293W and "O-72" series. Felt composition. 29" long, 12" high, 24" wide. Portals, 4 1/2" wide, 5 1/2" high. Price \$6.00
No. 923-Similar to No. 916, for "O" gauge outfits except "O-72" series. 40 1/2" long, 14 1/2" high, 23" wide. Portals, 7 1/2" wide. Price \$9.50
No. 924-Similar to No. 916, but for "O-72" trains. 30 1/2" long, 21 1/2" wide, 12 1/2" high. Portals, 4 1/2" wide, 5 1/2" high. Price \$4.50



No. 1023 TUNNEL

Strong felt composition. For "O-27" and "O" gauge trains except Nos. 293W and 789W. 14 1/2" long, 10 1/2" wide, 8 1/2" high. Portals, 4 1/2" wide, 5 1/2" high. Price \$1.25



No. 123 CURVED TUNNEL

For all "O" gauge outfits except No. 293W and the "O-72" series. Strong felt composition. 18 1/2" long, 16 1/2" wide, 8" high. Portals, 4 1/2" wide, 5 1/2" high. Price \$5.75
No. 1023-Similar to No. 123, but without house and trees. Price \$2.50



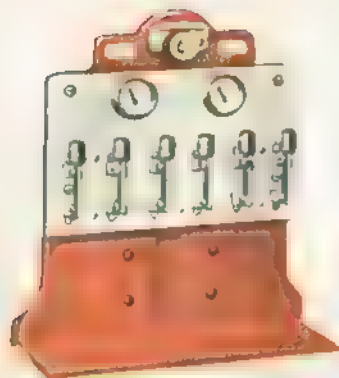
No. 120L ILLUMINATED TUNNEL

Constructed of steel. For use with trains of any gauge. 17" long, 11 1/2" wide, 9 1/2" high. Portals, 8 by 6 1/2 inches. Price \$4.00

No. 119-Similar to No. 120L but smaller and without illumination. 12" long, 9 1/2" wide, 8 1/2" high. Portals, 6 1/2" by 5". Price \$1.75

TUNNELS





No. 439 PANEL BOARD

Compact arrangement of make-and-break contacts, always found useful for illuminated accessories. Electric bulb illuminates dummy meters. Six knife switches mounted on composition panel. Panel board is 8 1/4 inches high, 7 1/4 inches wide. Price \$5.75

No. 93 WATER TANK

If your train is headed by a steam type locomotive, this tank will add realism to your road. 8 3/4 inches high. Price \$1.25

No. 155 ILLUMINATED FREIGHT SHED

Illuminated by two lamps. Made of steel and enameled. 18 inches long, 11 inches high, 8 1/4 inches wide. Price \$7.50

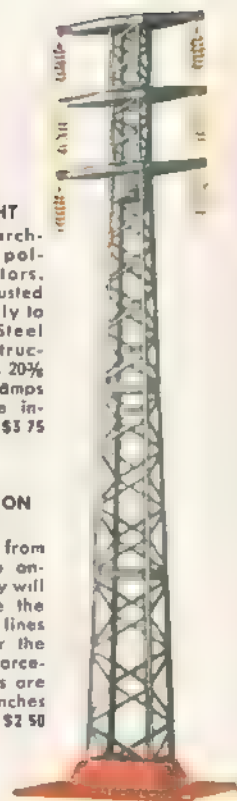


No. 92 FLOODLIGHT

Powerful search-lights with polished reflectors. May be adjusted independently to any angle. Steel girder construction. Tower is 20 1/2 inches high. Lamps and wire are included. Price \$3.75

No. 94 HIGH TENSION TOWER

String wires from one tower to another and they will look just like the high tension lines seen all over the country. Six porcelain insulators are included. 22 inches high. Price \$2.50

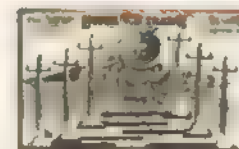


No. 85—Telegraph Post for Standard gauge. Similar to No. 060 illustrated below. Bracket attached. 9" high. Price \$6.50

No. 84—Set of six No. 060 Posts. Price \$3.75

NEW, SCALE MODEL SIGNS

No. 500—Five of the most common signs found on real railroad rights-of-way: whistle and yard-limit posts, trespassing sign and two crossing warnings. Accurately scaled for "O" gauge trains. Made of steel, enameled white with black lettering. Provided with substantial bases. For use on large model railroad systems, the bases of the signs may be embedded in artificial earth or ballast, for greater realism. Price, set of five, \$2.90



No. 060 "O" GAUGE POST
Bracket for attaching to track
6 1/2 inches high. Price \$5.50

No. 871—Set of six No. 060 Posts. Price \$2.25



No. 068 CROSSING SIGN

Etched aluminum crossarms are mounted on steel girder post 6 1/2 inches high. Price \$4.00

YARD EQUIPMENT

★ **FREE CATALOG** ★
Send for our free catalog of yard equipment today. It contains a complete list of all the equipment we have for sale, including prices and descriptions. It's yours for the asking. No money down. No obligation. Just send for it today. It's free.



No. 208 TOOL SET

Miniature pick, shovel, axe, rake, hoe, sledge in neat, enameled metal chest. \$7.50



No. 163 FREIGHT SET

Consists of two hand trucks, dump truck and baggage truck with wide, die cast wheels. Suitable for use on freight platform illustrated above. Price \$2.75



No. 209-4 Wooden Barrels 2 1/2 inches high. Price \$5.50

No. 0289-Six Barrels 1 3/4 inches high. Price \$3.50

CHEMICAL MAGIC

CHEMICAL ENERGY

CHEMICAL ILLUMINATION

GAS EXPANSION

SOLUBILITY OF OXYGEN

AMMONIA LI.

HYDROGEN GENERATION

CHLORINATION

OXYGEN PREPARATION

GRINDING

BOILING POINT CONTROL

MINERAL EXTRACTION

FILTRATION

CO₂ PREPARATION

OPENING A NEW FIELD OF SCIENTIFIC ADVENTURE

Today, the work of the Chemist is more important to the world than ever before. Out of the urgent needs of national defense have come a multitude of new, rich, enduring, scientific discoveries; synthetic silk that is better than silk, synthetic rubber, that is better than rubber, new, tougher, harder, lighter metals, window panes that won't break, automobile bodies that won't dent, foods fortified to 10,000 times their normal value — and scores of other important contributions. Yet, chemical research is in its infancy. There still is a world of undiscovered miracles waiting to be unearthed — challenging the ability of every American boy.

Lionel Chem-Lab brings to boys all the thrills and excitement of chemistry, the most surprising and mysterious of the exact sciences. In each outfit are the essentials for practical, elementary study and experimentation; with each outfit, from the smallest to the largest, progressively containing more equipment and supplies. The big Lionel Chem-Lab ex-book, included in every outfit, explains the laws of chemistry and guides the reader through hundreds of exciting, magical experiments.



INTRODUCING—LIONEL CHEM-LAB

The Complete Miniature Chemical Laboratory for Boys



CASH PRIZE FOR MOST VALUABLE DISCOVERY

★ With a Lionel Chem-Lab outfit you can surprise and amaze all of your friends, showing them mysterious and puzzling chemical tricks. In a Lionel Chem-Lab you will also find enormous amusement, experimenting with different chemical reactions. For serious study and to learn while you play, the Lionel Book of Chemistry will give you all of the basic knowledge and fundamental laws of this science. Working with this information and with all of the equipment in a Lionel Chem-Lab there are many useful and valuable things you might discover—new, unusual experiments not found in the Lionel Book of Chemistry. For the most worthwhile, original chemical discovery submitted by any boy or girl in the United States, in accordance with the follow-

ing rules, The Lionel Corporation will pay a grand prize of \$100 in cash.

RULES AND REGULATIONS

Any boy or girl residing in the United States is eligible to enter this contest.

All discoveries must be fully explained in a letter of not more than 200 words, sent to Contest Editor, The Lionel Corporation, 15 East 26th Street, New York, and mailed on or before December 1st, 1942.

All discoveries submitted become the exclusive property of The Lionel Corporation.

The officers of The Lionel Corporation and its staff of chemists will be the official judges and their judgement will be final and incontrovertible. In case of ties, duplicate awards will be given.

The name and address of the boy or girl submitting the discovery must be written clearly and distinctly at the end of the entry letter.

BOUND VOLUME OF CHEMISTRY EXPERIMENTS INCLUDED IN EVERY LIONEL CHEM-LAB SET

In the big, illustrated Lionel Book of Chemistry is the whole exciting story of this science, a history of the 98 or 99 recognized elements, an explanation of organic and inorganic chemistry, a glossary of terms and simple, easily-understood directions for nearly a thousand chemical experiments which can be performed with supplies furnished with the various Lionel Chem-Lab outfits.

Each of the six chapters of this book embraces a division of the subject, with

other sections devoted to metallurgy, mineralogy and glass blowing. There is one whole chapter of entertaining chemical tricks and magic.

The Book of Chemistry supplied with the first three Lionel Chem-Lab outfits consists of 160 pages and is bound in a durable, laminated cover. The four larger outfits contain a library edition of the Book of Chemistry, consisting of 224 pages in stiff boards covered with heavy, waterproof buckram, attractively stamped.



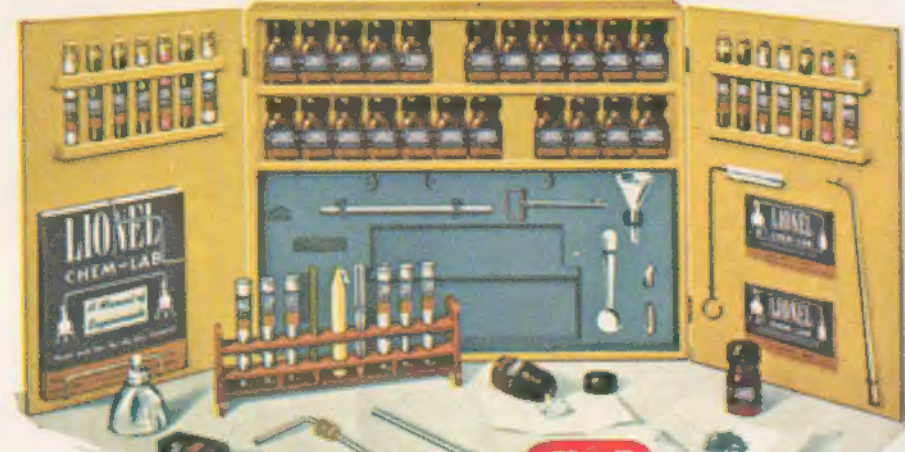
CL-1



CL-2



CL-3 1/2



CL-5



For the first time in any junior chemistry outfit, the chemicals in Lionel Chem-Labs are packed in GLASS BOTTLES WITH AIR-TIGHT CAPS, to prevent deterioration.



CL-7 $\frac{1}{2}$

The mortar and pestle in Lionel Chem-Labs are professional in design. Erlenmeyer flasks are made of pyrex. The thermometer is encased in glass.



This chemist's balance is made by Lionel. It is a practical, sensitive, sturdy instrument, attractively designed. Weights are included.



CL-10



CL-15

1975 Reproduction, Greenberg Publishing Co.



CL-1 All of the chemicals in this Beginner's laboratory are packed in neat, glass bottles—like those in the laboratories of famous scientists. With these chemicals, many amazing experiments can be performed, such as increasing the brilliancy of dyed cloth, making soap, paint and paper. Included in this miniature laboratory are 23 individual pieces, in addition to the big, 160-page illustrated Book of Chemistry which shows how to perform over 175 startling chemical experiments. Lionel Chem-Lab No. 1 is packed in an attractive, colorful box. Price \$1.00

CL-2 Packed in a permanent wooden chest, this Lionel Chem-Lab outfit includes more chemicals and equipment for performing a total of 200 experiments, including the manufacture of fireworks, preparation of mullage for stamps and envelopes, the testing of different types of fabrics and etching designs and signatures into metals. In this secondary laboratory are 29 individual pieces including the big, illustrated, 160-page Book of Chemistry. Chest measures 12 $\frac{1}{2}$ " x 10" x 2 $\frac{1}{4}$ ". Price \$2.00

CL-3 $\frac{1}{2}$ Having an abundance of chemicals and chemical equipment, this intermediate Lionel Chem-Lab outfit permits the performance of over 500 fantastic chemical tricks and experiments. The big, 160-page Book of Chemistry tells how the materials in this outfit may be employed to make water simulate milk, to change water to look like blood and then to turn this to stone, to blue-print by magic and to make strange blue ink and a mystifying blotter. Enclosed in a hardwood chest, this outfit contains 45 individual pieces. Lionel Chem-Lab No. 3 $\frac{1}{2}$ chest measures 12 $\frac{1}{2}$ " x 13" x 2 $\frac{1}{4}$ ". Price \$3.50

CL-5 Four long rows of chemicals and a large amount of apparatus make this Lionel Chem-Lab outfit an outstanding value. This is the first outfit to contain the 224-page, library edition of the Book of Chemistry, bound in heavy cloth-covered boards. Over 500 experiments can be made with the chemicals in this set, including a puzzling iodine-starch test, the making of silver chloride and strange water colors, and performing the magic of changing water to look like wine and then changing it back to clear water again. Lionel Chem-Lab No. 5 is packed in a portable hardwood chest, measuring 17" x 14" x 2 $\frac{1}{4}$ ". Price \$5.00

CL-7 $\frac{1}{2}$ Apparatus in this outfit not found in the smaller sets includes a sensitive, solidly constructed chemist's balance with a supply of 1-gram weights, and gas generator equipment. The 224-page library edition of the Book of Chemistry explains how the chemicals in this outfit may be used to perform nearly 650 experiments such as creating ghost flames, electrical writing, and changing the colors of liquids. Portable hardwood chest measures 18 $\frac{1}{2}$ " x 14 $\frac{1}{2}$ " x 2 $\frac{1}{4}$ ". Price \$7.50

CL-10 Master chemist outfit with sensitive, solidly constructed balance and weights, professional mortar and pestle, thermometer encased in glass and a copy of the 224-page library edition of the Book of Chemistry. Sufficient chemicals and apparatus to provide for making about 775 exciting experiments. Outfit is packed in large portable hardwood chest measuring 23 $\frac{1}{2}$ " x 14 $\frac{1}{2}$ " x 2 $\frac{1}{4}$ ". Price \$10.00

CL-15 This is the largest and most complete Lionel Chem-Lab outfit. It contains a huge array of chemicals which offer an unlimited opportunity for performing thrilling experiments as well as for serious study. Apparatus includes two rigid, metal test tube racks, chemist's balance with weights, pyrex Erlenmeyer flask, mortar, pestle, gas generator, thermometer, numerous other pieces and a copy of the library edition of the 224-page Book of Chemistry. Outfit is packed in a large, portable, hardwood chest measuring 30 $\frac{1}{2}$ " x 14 $\frac{1}{2}$ " x 2 $\frac{1}{4}$ ". Price \$15.00

HOW TO BECOME A MODEL RAILROADER

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★ Six times a year, Model Builder magazine will come to you brimfull of photographs, drawings, diagrams, blueprints and complete details that will tell you, step by step, how to build a real, operating, model railroad.

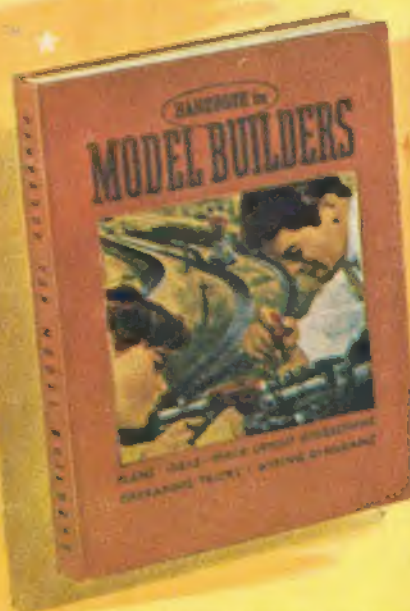
But that's not all. Model Builder also gives you page after page of pictures of model railroad systems built by other men and boys, fathers and sons. You will find out from them how they have solved their model railroad and miniature transportation problems, be able to exchange ideas with them and develop your own system with the benefit of their experience. Each issue of Model Builder magazine contains new track layout ideas; simple, easily understood wiring diagrams for the control of an entire system at one single switchboard; wiring tricks for automatic action and operating stunts. Model Builder constantly is filled with new ideas and suggestions to help men and boys develop their layouts. Don't miss a single issue—subscribe now.

20 MEN WORKED 3 YEARS IN PLANNING, BUILDING AND PHOTOGRAPHING MODELS FOR THE HANDBOOK FOR MODEL BUILDERS, THE NEW ENCYCLOPEDIA OF MODEL RAILROADS—GIVEN NOW ABSOLUTELY FREE WITH INTRODUCTORY SUBSCRIPTION TO MODEL BUILDER MAGAZINE!



WHAT THE MODEL BUILDER MAGAZINE CONTAINS

Model Builder magazine is not only a source of reading entertainment but also a valuable guide for the model railroader. Every issue filled with specific, detailed, practical suggestions for improvement of the model right-of-way and train operations. How to arrange track. How to schedule trains. How to make a miniature factory out of cigar box wood and tacks. How cardboard, glue and a pair of scissors can give you a realistic newsstand for your passenger depot. How to make guard fences out of hairpins. Signalling systems. Hills, valleys and embankments. Rivers, lakes, waterfalls. Pictures, diagrams and easily followed instructions. Published six times a year. Subscription price, one year, 50 cents; two years, \$1.



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24 exciting chapters. 192 pages in all! 19 full-page art gravure reproductions of famous engines! Chapters covering preliminary plans, building tables and benches, laying track and ballast, constructing cuts, fills, grades, elevations, lakes, waterways, culverts, bridges, trestles, electrical wiring, signals, scenery and many other subjects. 212 track layout blueprints for all gauges, all sizes and to fit every conceivable space. Deluxe, cloth bound library edition, at all train counters, \$1. Special paper bound edition available with introductory offer combination.

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15 East 26th St., New York, N. Y.

I enclose \$1 (stamps, check or money order) for a two-year subscription to the Model Builder magazine and a copy of the 192-page Handbook for Model Builders.

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